2021 - 2022年版

ポリマー総合カタログ

多腕形試料・星形試料・櫛形試料　編

株式会社　ゼネラルサイエンスコーポレーション

はじめに

各ポリマーには出来る限り、CAS No. および構造式を記載しておりますが記載がないポリマーもございます。
また、予告なく製品自体の終了・容量・価格等の変更がございます。併せてご了承下さい。

製品の容量の多くは1gもしくは0.5g表記ですが、2g・5gでの容量もございます。

ご希望のポリマー試料の合成依頼も承っております。
物質名・構造式・分子量・分散度・（文献等）をお知らせください。
詳しくはお問合せ下さい。

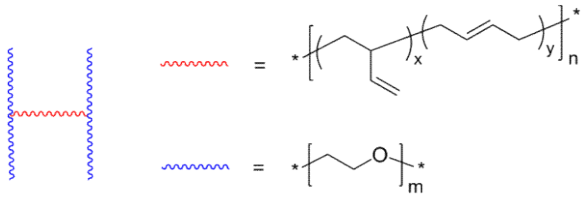
記載されているカタログ番号は、同時にロット番号となります。
従いまして、記載されている型番が在庫終了になりますと同じスペックの製品は原則ご提供できない事になります。
代替品がある場合はお知らせ致しますので、お含み下さいますようお願い致します。

納期： ご下命後約1-2週間程度でお届けできます。

☆ 海外送料等について：
従来は、品代金に海外送料を含めてのご案内でしたが、複数点ご購入のユーザー様には海外送料の重複の
弊害がございました。
その弊害を解消するため、品代金と海外送料を分けて、ご注文点数に係わらず1回のご注文に付き海外送料
1回分といたしました。
カタログに表記しております金額は海外送料を含んでいない金額です。
詳しくはお問い合わせ下さい。

H-TYPE COPOLYMER: POLY(ETHYLENE OXIDE), 4 ARMS / CORE: POLY(BUTADIENE)

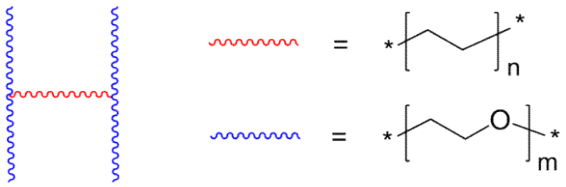
H- and T-shapedポリマー　H- and T-shaped polymer



P3101-HBdEO	Mn x 10^3 : 8 (core), 14 (arm); 64 (total)	Mw/Mn : 1.15	0.5g
P3141-HBdEO	Mn x 10^3 : 8 (core), 3.5 (arm); 22 (total)	Mw/Mn : 1.19	0.5g
P3146-HBdEO	Mn x 10^3 : 8 (core), 4.5 (arm); 26.5 (total)	Mw/Mn : 1.19	0.5g

H-type copolymer: Poly(ethylene oxide), 4 arms / Core: poly(ethylene)

H- and T-shapedポリマー
H- and T-shaped polymer

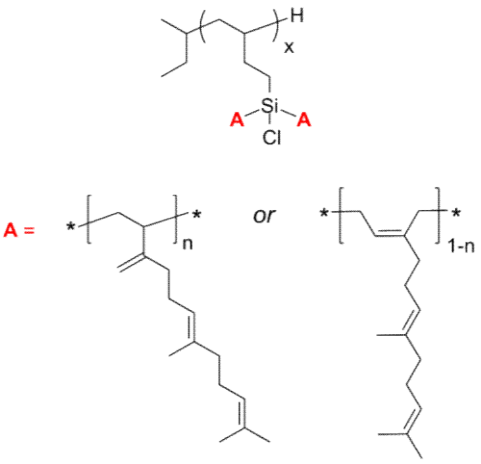


P3146-HEEO	Mn x 10^3 : 8.3 (core), 4.5 (arm); 26.3 (total)	Mw/Mn : 1.07	0.5g

POLY(1,2-FARNESENE–CO–1,4-FARNESENE), 9-ARM STAR POLYMER / CORE: OLIGO(1,2-BUTADIENE), SILYL-MODIFIED

星型ポリマー Poly(farnesene), star-shaped

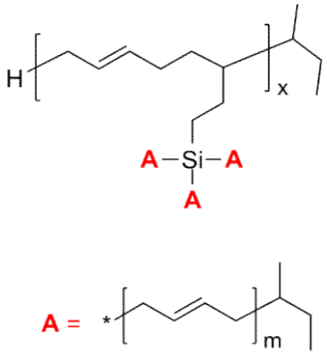
Other name: Poly(farnesene) grafted on oligo(1,2-butadiene).



P18419-9-Farne	Mn x 10^3 : 4.5 (arm); 0.35 (core); 40 (total)	Mw/Mn : 1.07	PF: 1,2-add.=60%; 1,4-add.=40%	1g

POLY(1,4-BUTADIENE), 18-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED **星形ポリマー**

Poly(1,4-butadiene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)

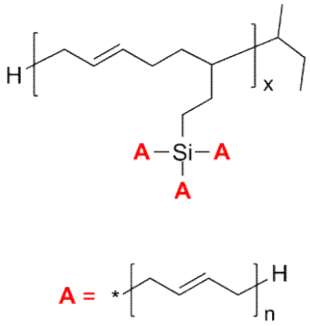


Other name: Poly(1,4-butadiene) grafted on oligo(1,2-butadiene)□

P18413-18Bd	Mn x 10^3 : 1.1 (arm); 19 (total)	Mw/Mn : 1.1	18-arm PBd	0.5g
P18414-18Bd	Mn x 10^3 : 1.1 (arm); 17 (total)	Mw/Mn : 1.1	18-arm PBd	0.5g

POLY(1,4-BUTADIENE), 36-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星形ポリマー

Poly(1,4-butadiene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)

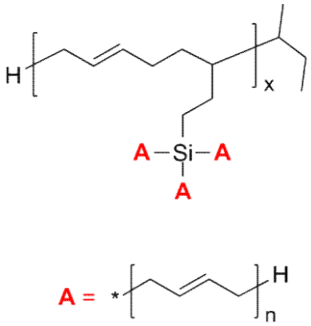


Other name: Poly(1,4-butadiene) grafted on oligo(1,2-butadiene).

P18407-36Bd	Mn x 10^3 : 0.8 (arm); 29 (total)	Mw/Mn : 1.07	36-arm PBd	1g

POLY(1,4-BUTADIENE), 38-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星形ポリマー

Poly(1,4-butadiene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)

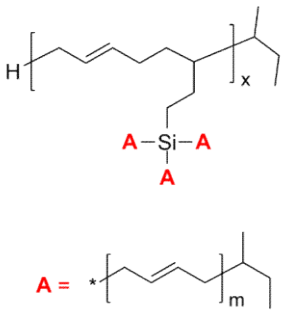


Other name: Poly(1,4-butadiene) grafted on oligo(1,2-butadiene).

P18403-38Bd	Mn x 10^3 : 0.9 (arm); 35 (total)	Mw/Mn : -	38-arm PBd	1g

POLY(1,4-BUTADIENE), 50-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星形ポリマー

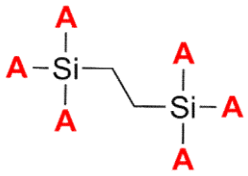
Poly(1,4-butadiene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)

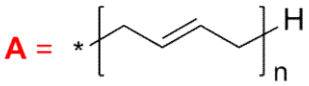


P18408-50Bd	Mn x 10^3 : 0.7 (arm); 35 (total)	Mw/Mn : 1.07	50-arm PS-g-Bd	1g

POLY(1,4-BUTADIENE), 6-ARM STAR POLYMER / CORE: 1,2-DISILYLETHANE　星形ポリマー

Poly(butadiene), star-shaped

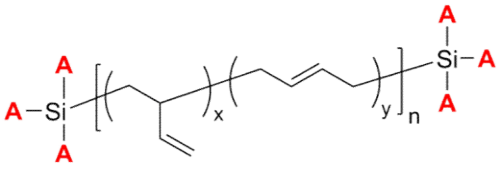


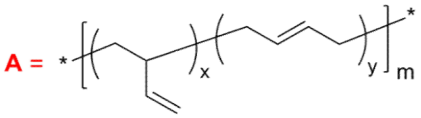


P2060-6Bd	Mn x 10^3 : 73	Mw/Mn : 1.04	6-arm PBd	0.5g

POLY([1,2–CO–1,4]-BUTADIENE), 6-ARM STAR POLYMER / CORE: POLY([1,2–CO–1,4]-BUTADIENE), SILYL-TERMINATED

星形ポリマー　Poly(butadiene), star-shaped



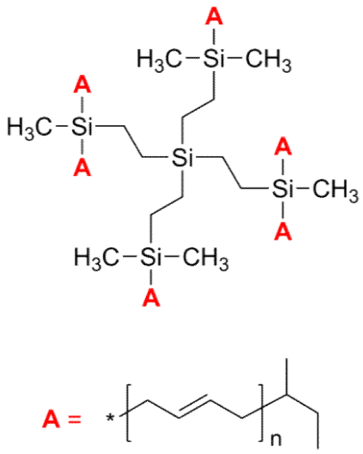


Other name: Poly(1,4-butadiene) grafted on oligo(1,2-butadiene).

P1081-6ABd	Mn x 10^3 : 34.6 (core); 15 (arm); 124.6 (total)	Mw/Mn : 1.13	6-arm PBd	1g
P1184-6ABd	Mn x 10^3 : 35.2 (core); 14 (arm); 119.2 (total)	Mw/Mn : 1.15	6-arm PBd	1g
P1132-6ABd	Mn x 10^3 : 47 (core); 19.5 (arm); 164 (total)	Mw/Mn : 1.15	6-arm PBd	1g
P1470-6ABd	Mn x 10^3 : 66 (core); 25 (arm); 216 (total)	Mw/Mn : 1.06	6-arm PBd	1g
P1589-6ABd	Mn x 10^3 : 83 (core); 20 (arm); 203 (total)	Mw/Mn : 1.17	6-arm PBd	1g
P1210-6ABd	Mn x 10^3 : 90.7 (core); 12 (arm); 162.7 (total)	Mw/Mn : 1.08	6-arm PBd	1g
P1625-6ABd	Mn x 10^3 : 140 (core); 20.8 (arm); 264.8 (total)	Mw/Mn : 1.15	6-arm PBd	1g

POLY(1,4-BUTADIENE), 6-ARM STAR POLYMER / CORE: TETRAKIS(2-SILYLETHYL)SILANE　星形ポリマー

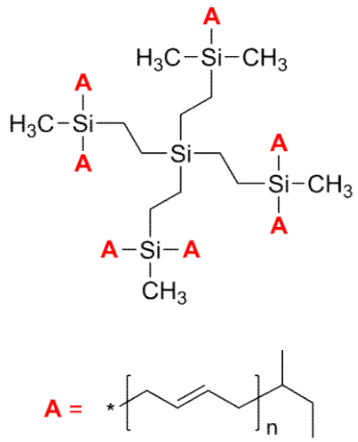
Poly(1,4-butadiene), star polymers / Core: tetrakis(2-silylethyl)silane



P18386--6Bd	Mn x 10^3 : 15.4 (arm); 92 (total)	Mw/Mn : 1.02	6-arm PBd	0.5g

POLY(1,4-BUTADIENE), 7-ARM STAR POLYMER / CORE: TETRAKIS(2-SILYLETHYL)SILANE　星形ポリマー

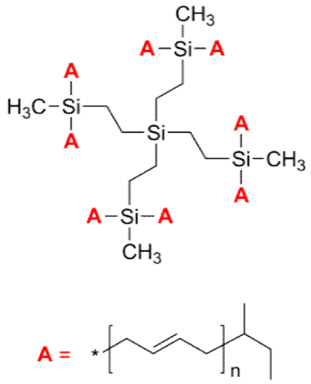
Poly(1,4-butadiene), star polymers / Core: tetrakis(2-silylethyl)silane



P18387-7Bd	Mn x 10^3 : 52.4 (arm); 360 (total)	Mw/Mn : 1.09	7-arm PBd	0.5g
P18388-7Bd	Mn x 10^3 : 57 (arm); 400 (total)	Mw/Mn : 1.02	7-arm PBd	0.5g

POLY(1,4-BUTADIENE), 8-ARM STAR POLYMER / CORE: TETRAKIS(2-SILYLETHYL)SILANE　星形ポリマー

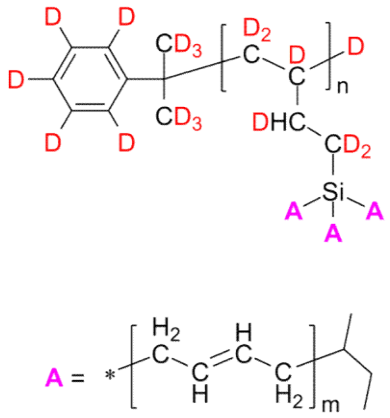
Poly(1,4-butadiene), star polymers / Core: tetrakis(2-silylethyl)silane



P18385--8Bd	Mn x 10^3 : 24 (arm); 178 (total)	Mw/Mn : 1.04	8-arm PBd	0.5g

POLY(1,4-BUTADIENE), STAR POLYMER WITH PROTON-CONTAINING ARMS / CORE: DEUTERATED OLIGO(1,2-BUTADIENE-D6)

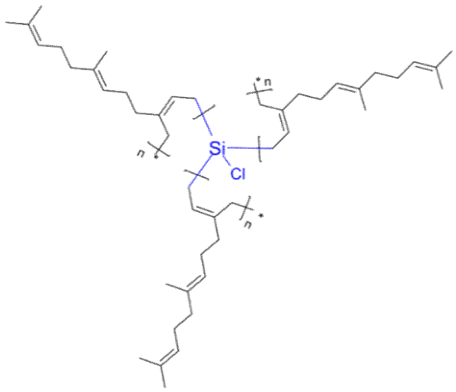
星形ポリマー　Poly(butadiene), star-shaped



Other name: Poly(1,4-butadiene [H6]) grafted on deuterated oligo(1,2-butadiene [D6]).

P18563A-35Bd	Mn x 10^3 : 1.1 (arm); 37 (total)	Mw/Mn : 1.7	35-arm PBd	1g
P18563B-12Bd	Mn x 10^3 : 1.1 (arm); 13 (total)	Mw/Mn : 2	12-arm PBd	1g

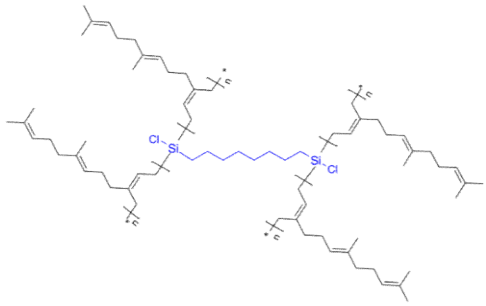
POLY(1,4-FARNESENE), 3-ARM STAR POLYMER / CORE: CHLOROSILANE　星形ポリマー



P18573-3-Farne	Mn x 10^3 : 6 (arm); 17.5 (total)	Mw/Mn : 1.14	3-arm; 1,4-add.>94%	1g

POLY(1,4-FARNESENE), 4-ARM STAR POLYMER / CORE: 1,8-BIS(CHLOROSILYL)OCTANE　星形ポリマー

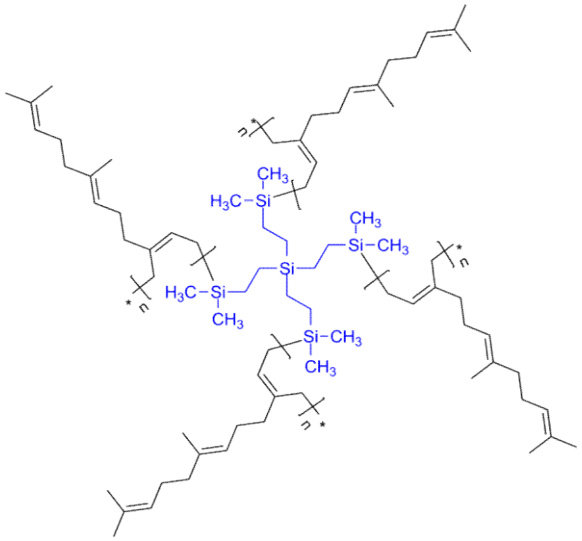
Poly(farnesene), star-shaped



P18518-4-Farne	Mn x 10^3 : 10.5 (arm); 40 (total)	Mw/Mn : 1.13	4-arm; 1,4-add.>93%	1g

POLY(1,4-FARNESENE), 4-ARM STAR POLYMER / CORE: TETRAKIS(2-[DIMETHYLSILYL]ETHYL)SILANE

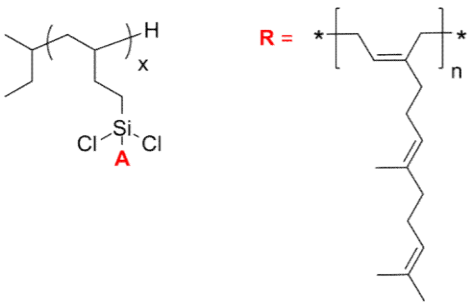
星型ポリマー Poly(farnesene), star-shaped



P18393-4-Farne	Mn x 10^3 : 20.5 (arm); 84.5 (total)	Mw/Mn : 1.07	4-arm; 1,4-add.>94%	1g

POLY(1,4-FARNESENE), 4-ARM STAR POLYMER / CORE: OLIGO(1,2-BUTADIENE), SILYL-MODIFIED

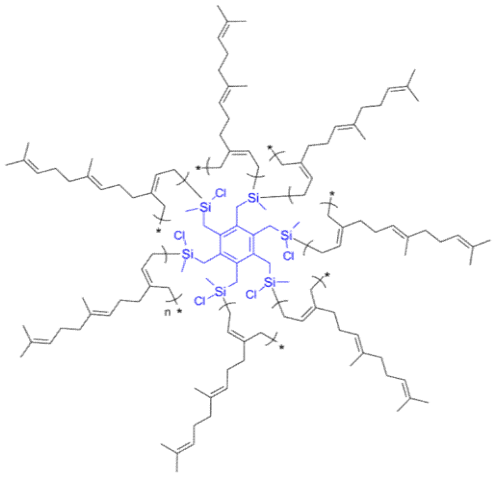
Other name: Poly(1,4-farnesene) grafted on oligo(1,2-butadiene) **星型ポリマー** Poly(farnesene), star-shaped



P18418-4-Farne	Mn x 10^3 : 5 (arm); 0.35 (core); 20 (total)	Mw/Mn : 1.15	4-arm; PF: 1,4-add.>93%	1g

POLY(1,4-FARNESENE), 7-ARM STAR POLYMER / CORE: 1,2,3,4,5,6-HEXAKIS[(METHYLSILYL) METHYL]BENZENE

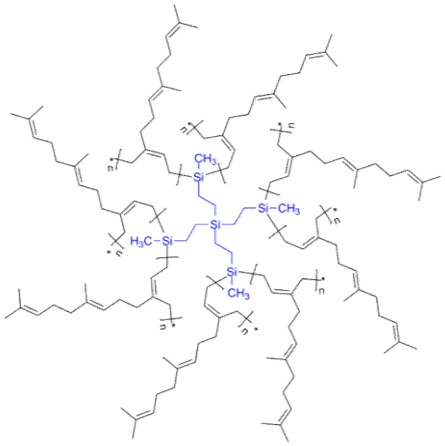
星型ポリマー　Poly(farnesene), star-shaped



P18583-7-Farne	Mn x 10^3 : 8 (arm); 55 (total)	Mw/Mn : 1.13	7-arm	1g

POLY(1,4-FARNESENE), 8-ARM STAR POLYMER / CORE: TETRAKIS(2-[METHYLSILYL]ETHYL)SILANE

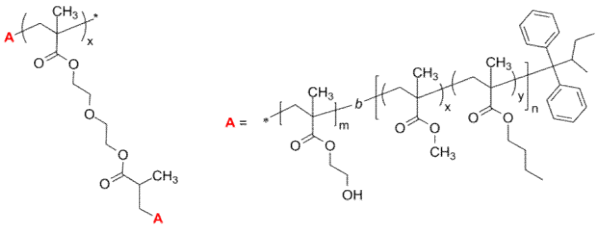
星型ポリマー　Poly(farnesene), star-shaped



P18392-8-Farne	Mn x 10^3 : 7.5 (arm); 52 (total)	Mw/Mn : 1.06	8-arm	1g

POLY(2-HYDROXYETHYL METHACRYLATE)-B-POLY(METHYL METHACRYLATE–CO–N-BUTYL METHACRYLATE), 36-ARM BLOCK STAR / CORE: DIETHYLENE GLYCOL DIMETHACRYLATE

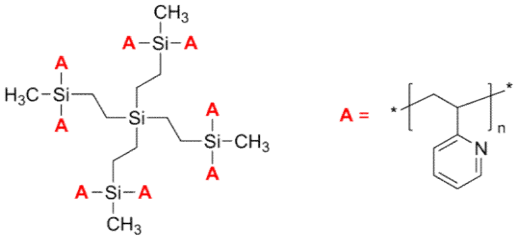
星形ブロックコポリマー Diblock copolymers, star-shaped



P19774-MMAnBuMAran-HEMA-star	Mn x 10^3 : 25-b-29 (MMAnBuMA-b-HEMA arm); 1962 (total)	Mw/Mn : 1.19 (arm);	36-arm	1g

POLY(2-VINYL PYRIDINE), 8-ARM STAR POLYMER / CORE: TETRAKIS(2-SILYLETHYL)SILANE **星形ポリマー**

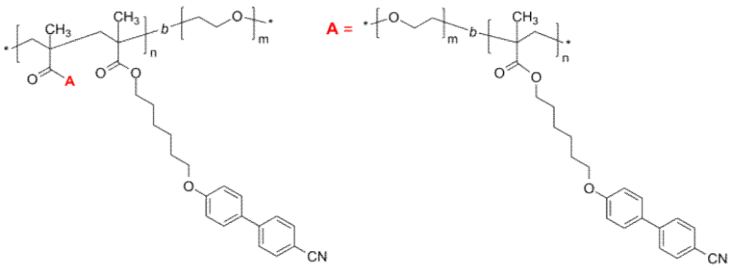
Poly(2-vinyl pyridine), star-shaped



P11297-8-2VP	Mn x 10^3 : 53 (total); 7 (arm)	Mw/Mn : 1.09	8-arm P2VP	0.5g

POLY(6-[4'-CYANOBIPHENYL-4-YLOXY]-HEXYL METHACRYLATE)-B-[POLY(ETHYLENE OXIDE)-GRAFT-POLY(6-[4'-CYANOBIPHENYL-4-YLOXY]-HEXYL METHACRYLATE−B−ETHYLENE OXIDE)

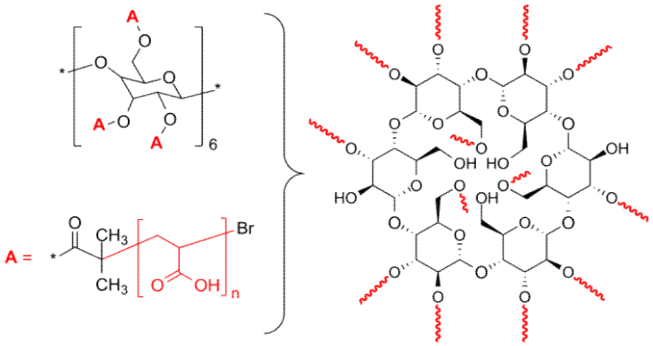
グラフトコポリマー　Polymers grafted on Block Copolymer



P9522B-4CNBPHMA-b-EO-G-4CNBPHMAEO	Mn x 10^3 : 3-b-7-g-12	Mw/Mn : 1.20	0.5g
P9514-4CNBPHMA-b-EO-G-4CNBPHMAEO	Mn x 10^3 : 10-b-47	Mw/Mn : 1.20	0.5g

POLY(ACRYLIC ACID), 13-ARM STAR POLYMER / CORE: A-CYCLODEXTRIN　**星形ポリマー**

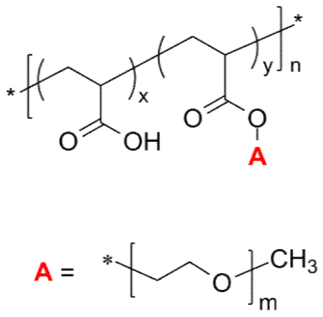
Poly(acrylic acid), star-shaped



P20137A-13AA	Mn x 10^3 : 5.5 (arm); 70 (total)	Mw/Mn : 1.25	13-arm PAA	1g

POLY(ACRYLIC ACID)-GRAFT-POLY(ETHYLENE OXIDE)　グラフトコポリマー

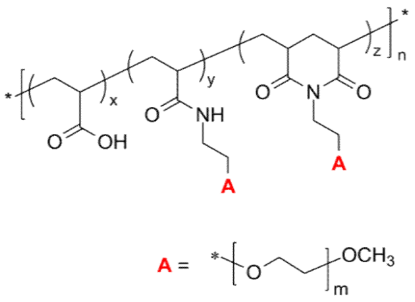
Polymers grafted on Poly(acrylic acid)



P18821-EGAA	Mn x 10^3 : 1.8 (arm); 26 (total)	Mw/Mn : 1.8	PEG = 10 arms	1g
P18822-EGAA	Mn x 10^3 : 1.8 (arm); 20 (total)	Mw/Mn : 1.8	PEG = 8 arms	1g

POLY(ACRYLIC ACID)-GRAFT-POLY(ETHYLENE OXIDE), GRAFTING ON AMIDE/IMIDE LINKAGE　グラフトポリマー

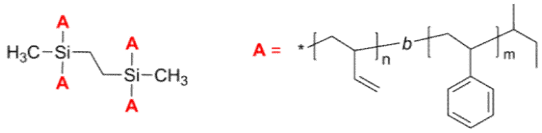
Polymers grafted on Poly(acrylic acid)



P18836-EGAAcomb	Mn x 10^3 : 2 (arm); 45 (total)	Mw/Mn : 1.5	PEG = 20 arms	1g

POLY(BUTADIENE)-B-POLY(STYRENE), 4-ARM BLOCK STAR / CORE: 1,2-BIS(METHYLSILYL)ETHANE

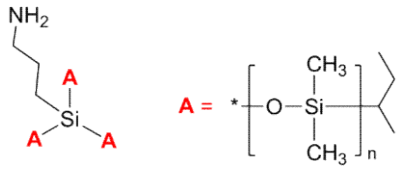
星形ブロックコポリマー　Diblock copolymer, star-shaped



P488-4SBd	Mn x 10^3 : 9.4-b-10.2 (S-b-Bd, arm)	Mw/Mn : 1.04	4-arm PS-PBd	0.5g

POLY(DIMETHYL SILOXANE), 3-ARM STAR POLYMER / CORE: SILANE　星形ポリマー

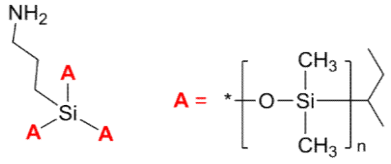
Poly(dimethyl siloxane), star-shaped



P3944-3DMSSiNH2	Mn x 10^3 : 4 (arm)	Mw/Mn : 1.1	3-arm PDMS	1g

POLY(DIMETHYL SILOXANE), 3-ARM STAR POLYMER / CORE: 3-SILYLPROPAN-1-AMINE　星形ポリマー

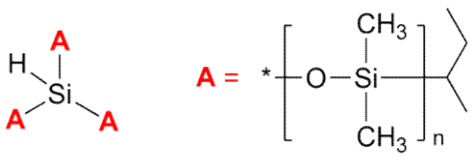
Poly(dimethyl siloxane), star-shaped



P3944-3DMSSiNH2	Mn x 10^3 : 4 (arm)	Mw/Mn : 1.1	3-arm PDMS	1g

POLY(DIMETHYL SILOXANE), 3-ARM STAR POLYMER / CORE: SILANE　星形ポリマー

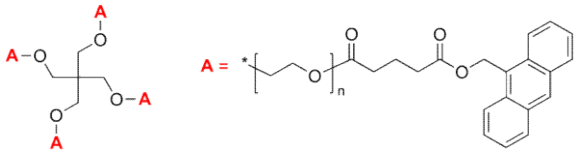
Poly(dimethyl siloxane), star-shaped



P3944-3DMSSiH	Mn x 10^3 : 4 (arm)	Mw/Mn : 1.1	3-arm PDMS	1g

POLY(ETHYLENE OXIDE), (ANTHRACEN-9-YL GLUTARATE)-TERMINATED 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL

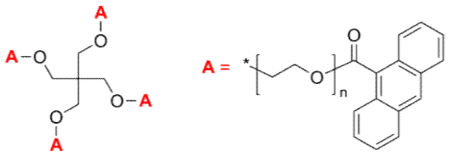
星形ポリマー Poly(ethylene oxide), star polymers / Core: pentaerythritol



P3464-4EOAn	Mn x 10^3 : 10	Mw/Mn : 1.1	4-arm PEO, f=90%	1g

POLY(ETHYLENE OXIDE), (ANTHRACEN-9-YL)-TERMINATED 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL

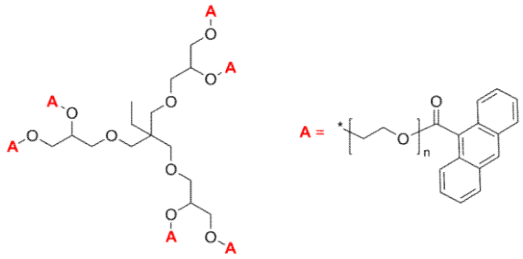
星形ポリマー Poly(ethylene oxide), star polymers / Core: pentaerythritol



P3458A-4EOAn	Mn x 10^3 : 9	Mw/Mn : 1.3	4-arm PEO; f 90%	1g
P3427-4EOAn	Mn x 10^3 : 9.5	Mw/Mn : 1.15	4-arm PEO; f 90%	1g
P3387-4EOAn	Mn x 10^3 : 9.9	Mw/Mn : 1.12	4-arm PEO; f 90%	1g

POLY(ETHYLENE OXIDE), (ANTHRACEN-9-YL)-TERMINATED 6-ARM STAR POLYMER / CORE: TRIMETHYLOLPROPANE ETHOXYLATE

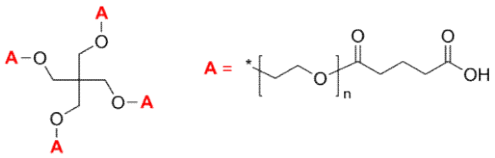
星形ポリマー　Poly(ethylene oxide), star polymers / Core: trimethylolpropane (ethoxylate)



P3475-6EOAn1	Mn x 10^3 : 14.2	Mw/Mn : 1.19	6-arm PEO	1g

POLY(ETHYLENE OXIDE), (CARBOXY [GLUTARIC ACID])-TERMINATED 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL

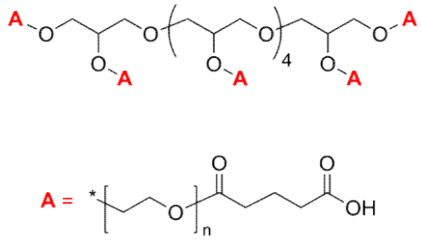
星形ポリマー　Poly(ethylene oxide), star polymers / Core: pentaerythritol



P3680-4EOCOOH	Mn x 10^3 : 0.88 (total)	Mw/Mn : 1.10	4-arm PEO	1g
P10222A-4EOCOOH	Mn x 10^3 : 1.8 (total)	Mw/Mn : 1.11	4-arm PEO	1g
P2272-4EOCOOH	Mn x 10^3 : 6.9 (total)	Mw/Mn : 1.11	4-arm PEO	1g
P2938-4EOCOOH	Mn x 10^3 : 9.8 (total)	Mw/Mn : 1.10	4-arm PEO	1g

POLY(ETHYLENE OXIDE), (CARBOXY [GLUTARIC ACID])-TERMINATED 8-ARM STAR POLYMER / CORE: HEXAGLYCEROL

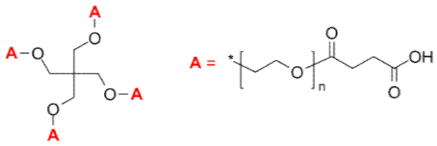
星形ポリマー Poly(ethylene oxide), star polymera / Core: oligo(glycerol)



P18197A-8EOCOOH	Mn x 10^3 : 14.5	Mw/Mn : 1.17	8-arm PEO	1g

POLY(ETHYLENE OXIDE), (CARBOXY [SUCCINIC ACID])-TERMINATED 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL

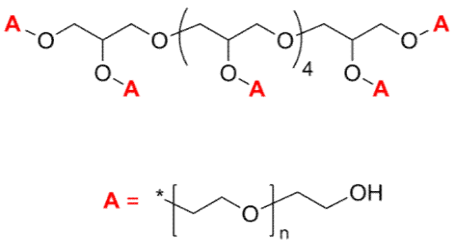
星形ポリマー Poly(ethylene oxide), star polymers / Core: pentaerythritol



P2948-4EOCOOH	Mn x 10^3 : 10 (total)	Mw/Mn : 1.10	4-arm PEO	1g

POLY(ETHYLENE OXIDE), HYDROXY-TERMINATED 8-ARM STAR POLYMER / CORE: HEXAGLYCEROL

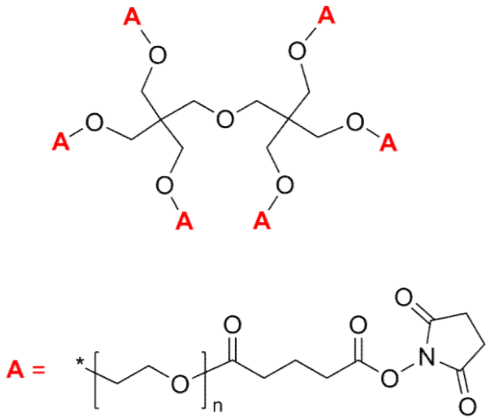
星形ポリマー Poly(ethylene oxide), star polymera / Core: oligo(glycerol)



P18197-8EOOH	Mn x 10^3 : 14.5 (total); 1.8 (arm)	Mw/Mn : 1.17	8-arm PEO	1g

POLY(ETHYLENE OXIDE), (SUCCINIMIDYL GLUTARATE)-TERMINATED 6-ARM STAR POLYMER / CORE: DIPENTAERYTHRITOL

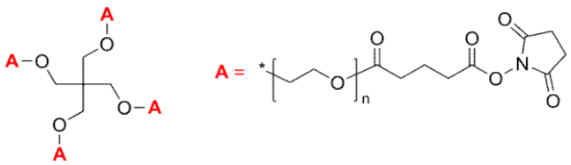
星形ポリマー　Poly(ethylene oxide), star polymers / Core: di(pentaerythritol)



P18182B-6EOSG	Mn x 10^3 : 13	Mw/Mn : 1.2	6-arm PEO	1g

POLY(ETHYLENE OXIDE), (SUCCINIMIDYL GLUTARATE)-TERMINATED 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL

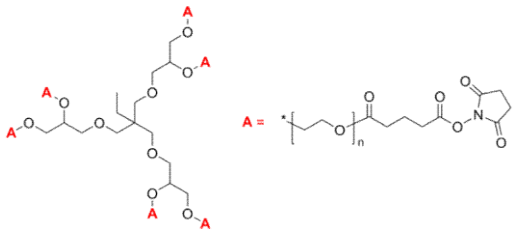
星形ポリマー　Poly(ethylene oxide), star polymers / Core: pentaerythritol



P10222B-4EOSG	Mn x 10^3 : 2.3 (total)	Mw/Mn : 1.13	4-arm PEO	1g
P10811-4EOSG	Mn x 10^3 : 2.3 (total)	Mw/Mn : 1.13	4-arm PEO	1g
P14249-4EOSG	Mn x 10^3 : 2.3 (total)	Mw/Mn : 1.13	4-arm PEO	1g
P16311-4EOSG	Mn x 10^3 : 10 (total)	Mw/Mn : 1.08	4-arm PEO	1g
P40684-4EOSG	Mn x 10^3 : 10 (total)	Mw/Mn : 1.08	4-arm PEO	1g
P40684A-4EOSG	Mn x 10^3 : 10 (total)	Mw/Mn : 1.08	4-arm PEO	1g
P6441-4EOSG	Mn x 10^3 : 10 (total)	Mw/Mn : 1.08	4-arm PEO	1g

POLY(ETHYLENE OXIDE), (SUCCINIMIDYL GLUTARATE)-TERMINATED 6-ARM STAR POLYMER / ETHOXYLATE CORE: TRIMETHYLOLPROPANE

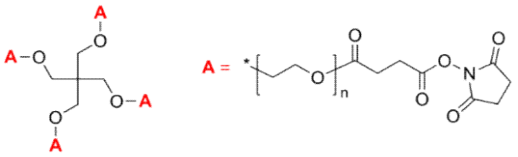
星形ポリマー Poly(ethylene oxide), star polymers / Core: trimethylolpropane (ethoxylate)



P8602-6EOSG	Mn x 10^3 : 25	Mw/Mn : 1.09	6-arm PEO	1g

POLY(ETHYLENE OXIDE), (SUCCINIMIDYL SUCCINATE)-TERMINATED 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL

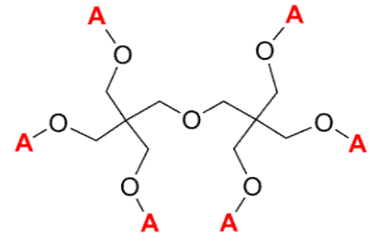
星形ポリマー Poly(ethylene oxide), star polymers / Core: pentaerythritol

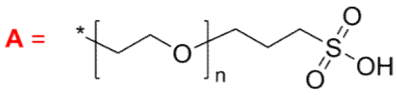


P5888-4EOSS	Mn x 10^3 : 2.3 (total)	Mw/Mn : 1.13	4-arm PEO	1g
P2948-4EOSS	Mn x 10^3 : 10 (total)	Mw/Mn : 1.1	4-arm PEO	1g
P40690-4EOSS	Mn x 10^3 : 10 (total)	Mw/Mn : 1.10	4-arm PEO	1g
P2955-4EOSS	Mn x 10^3 : 11 (total)	Mw/Mn : 1.1	4-arm PEO	1g

POLY(ETHYLENE OXIDE), (SULFONIC ACID)-TERMINATED 6-ARM STAR POLYMER / CORE: DIPENTAERYTHRITOL

星形ポリマー　Poly(ethylene oxide), star polymers / Core: di(pentaerythritol)

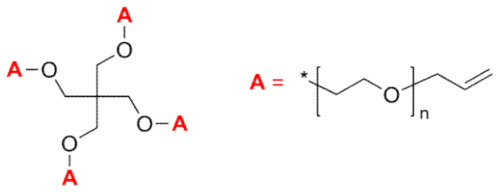




P2834-6EOSO3H1	Mn x 10^3 : 7.2	Mw/Mn : 1.07	6-arm PEO; f=98%	1g
P2833-6EOSO3H1	Mn x 10^3 : 10	Mw/Mn : 1.08	6-arm PEO; f=98%	1g
P2812-6EOSO3H2	Mn x 10^3 : 11.2	Mw/Mn : 1.08	6-arm PEO; f=20%	1g
P2809-6EOSO3H	Mn x 10^3 : 12	Mw/Mn : 1.17	6-arm PEO; f=86%	1g

POLY(ETHYLENE OXIDE), ALLYL-TERMINATED 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL

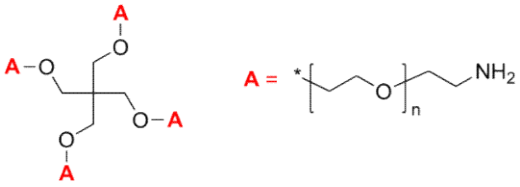
星形ポリマー　Poly(ethylene oxide), star polymers / Core: pentaerythritol



P9143-4EOallyl	Mn x 10^3 : 0.8(total)	Mw/Mn : 1.2	4-arm PEO; f>99%	1g
P9144-4EOallyl	Mn x 10^3 : 10(total)	Mw/Mn : 1.1	4-arm PEO; f>95%	1g

POLY(ETHYLENE OXIDE), AMINO-TERMINATED 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL

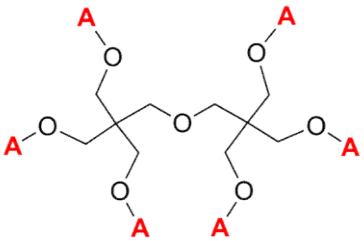
星形ポリマー Poly(ethylene oxide), star polymers / Core: pentaerythritol



P10914-4EONH2	Mn x 10^3 : 2(total)	Mw/Mn : 1.08	4-arm PEO; 99	1g
P2979-4EONH2	Mn x 10^3 : 10(total)	Mw/Mn : 1.08	4-arm PEO; 98%	1g
P6703-4EONH2	Mn x 10^3 : 10(total)	Mw/Mn : 1.08	4-arm PEO; 95%	1g
P9750-4EONH2	Mn x 10^3 : 11(total)	Mw/Mn : 1.09	4-arm PEO; 95%	1g
P6468-4EONH2	Mn x 10^3 : 19(total)	Mw/Mn : 1.09	4-arm PEO; 99%	1g
P8624-4EONH2	Mn x 10^3 : 30(total)	Mw/Mn : 1.15	4-arm PEO; 90%	1g
P6495-4EONH2	Mn x 10^3 : 41(total)	Mw/Mn : 1.09	4-arm PEO; >82%	1g
P8600-4EONH2	Mn x 10^3 : 41(total)	Mw/Mn : 1.09	4-arm PEO; 90%	1g

POLY(ETHYLENE OXIDE), AMINO-TERMINATED 6-ARM STAR POLYMER / CORE: DIPENTAERYTHRITOL

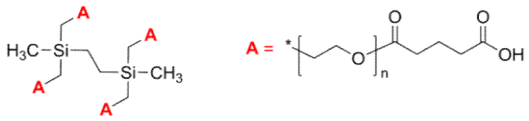
星形ポリマー Poly(ethylene oxide), star polymers / Core: di(pentaerythritol)



P9672A-6EONH2	Mn x 10^3 : 7	Mw/Mn : 1.2	6-arm PEO	1g

POLY(ETHYLENE OXIDE), CARBOXY-TERMINATED 4-ARM STAR POLYMER / CORE: 1,2-BIS(METHYLSILYL)ETHANE

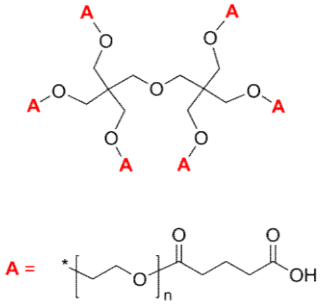
星形ポリマー　Poly(ethylene oxide), star polymers / Core: silanes



P3280-4EOCOOH_B	Mn x 10^3 : 5	Mw/Mn : 1.2	4-arm PEO	1g

POLY(ETHYLENE OXIDE), CARBOXY-TERMINATED 6-ARM STAR POLYMER / CORE: DIPENTAERYTHRITOL

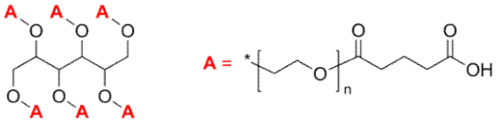
星形ポリマー　Poly(ethylene oxide), star polymers / Core: di(pentaerythritol)



P3052-6EOCOOH	Mn x 10^3 : 10	Mw/Mn : 1.1	6-arm PEO	1g
P3472-6EOCOOH	Mn x 10^3 : 10	Mw/Mn : 1.1	6-arm PEO	1g
P18182A-6EOCOOH	Mn x 10^3 : 13	Mw/Mn : 1.2	6-arm PEO	1g
P2816-6EOCOOH	Mn x 10^3 : 24	Mw/Mn : 1.02	6-arm PEO	1g
P3032-6EOCOOH	Mn x 10^3 : 32	Mw/Mn : 1.12	6-arm PEO	1g

POLY(ETHYLENE OXIDE), CARBOXY-TERMINATED 6-ARM STAR POLYMER / CORE: SORBITOL　**星形ポリマー**

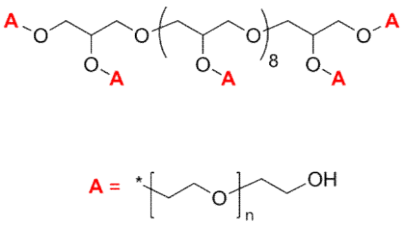
Poly(ethylene oxide), star-shaped



P3053-6EOCOOH	Mn x 10^3 : 10	Mw/Mn : 1.1	6-arm PEO	1g

POLY(ETHYLENE OXIDE), HYDROXY-TERMINATED 12-ARM STAR POLYMER / CORE: DECAGLYCEROL

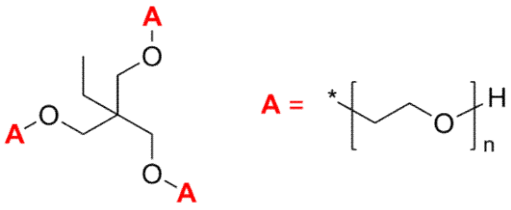
星形ポリマー Poly(ethylene oxide), star polymera / Core: oligo(glycerol)



P18202-12EOOH	Mn x 10^3 : 12 (total); 1 (arm)	Mw/Mn : 12-arm PEG	1g

POLY(ETHYLENE OXIDE), HYDROXY-TERMINATED 3-ARM STAR POLYMER / CORE: TRIMETHYLOLPROPANE

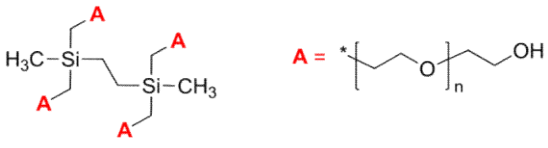
星形ポリマー Poly(ethylene oxide), star polymers / Core: trimethylolpropane (ethoxylate)



P2229-3EOOH	Mn x 10^3 : 11.5 (total)	Mw/Mn : 1.05	3-arm PEG	1g

POLY(ETHYLENE OXIDE), HYDROXY-TERMINATED 4-ARM STAR POLYMER / CORE: 1,2-BIS(METHYLSILYL)ETHANE

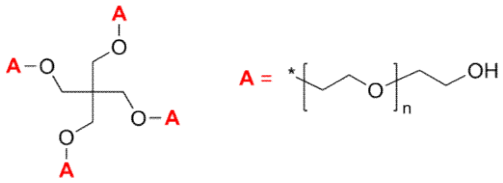
星形ポリマー Poly(ethylene oxide), star polymers / Core: silanes



P3279-4EOOH	Mn x 10^3 : 5 (total)	Mw/Mn : 1.07	4-arm PEG	1g
P3275-4EOOH	Mn x 10^3 : 8 (total)	Mw/Mn : 1.12	4-arm PEG	1g

POLY(ETHYLENE OXIDE), HYDROXY-TERMINATED 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL

星形ポリマー　Poly(ethylene oxide), star polymers / Core: pentaerythritol

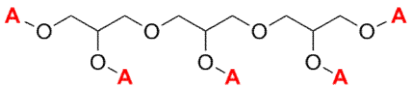


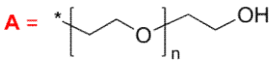
Comments:　For the large quantity please call us or send the inquiry.

P10009A-4EOOH	Mn x 10^3 : 0.224 (total)	Mw/Mn : 1.1	4-arm PEG	1g
P10538A-4EOOH	Mn x 10^3 : 0.300 (total)	Mw/Mn : 1.1	4-arm PEG	1g
P10683A-4EOOH	Mn x 10^3 : 0.45 (total)	Mw/Mn : 1.25	4-arm PEG	1g
P10686A-4EOOH	Mn x 10^3 : 0.55 (total)	Mw/Mn : 1.25	4-arm PEG	1g
P10692C-4EOOH	Mn x 10^3 : 0.75 (total)	Mw/Mn : 1.1	4-arm PEG	1g
P10692F-4EOOH	Mn x 10^3 : 0.76 (total)	Mw/Mn : 1.1	4-arm PEG	1g
P10692E-4EOOH	Mn x 10^3 : 0.77 (total)	Mw/Mn : 1.1	4-arm PEG	1g
P10692G-4EOOH	Mn x 10^3 : 0.78 (total)	Mw/Mn : 1.1	4-arm PEG	1g
P9167-4EOOH	Mn x 10^3 : 0.8 (total)	Mw/Mn : 1.1	4-arm PEG	1g
P10222-4EOOH	Mn x 10^3 : 2 (total)	Mw/Mn : 1.15	4-arm PEG	1g
P2176-4EOOH	Mn x 10^3 : 2.4 (total)	Mw/Mn : 1.21	4-arm PEG	1g
P1638-4EOOH	Mn x 10^3 : 6.7 (total)	Mw/Mn : 1.14	4-arm PEG	1g
P1622-4EOOH	Mn x 10^3 : 7.4 (total)	Mw/Mn : 1.14	4-arm PEG	1g
P18184-4EOOH	Mn x 10^3 : 8 (total)	Mw/Mn : 1.15	4-arm PEG	1g
P1659-4EOOH	Mn x 10^3 : 9 (total)	Mw/Mn : 1.2	4-arm PEG	1g
P6636-4EOOH	Mn x 10^3 : 9 (total)	Mw/Mn : 1.13	4-arm PEG	1g
P1666-4EOOH	Mn x 10^3 : 9.5 (total)	Mw/Mn : 1.16	4-arm PEG	1g
P5475-4EOOH	Mn x 10^3 : 9.5 (total)	Mw/Mn : 1.08	4-arm PEG	1g
P5474-4EOOH	Mn x 10^3 : 10 (total)	Mw/Mn : 1.08	4-arm PEG	1g
P10073-4EOOH	Mn x 10^3 : 10 (total)	Mw/Mn : 1.09	4-arm PEG	1g
P10074A-4EOOH	Mn x 10^3 : 10 (total)	Mw/Mn : 1.1	4-arm PEG	1g
P10074-4EOOH	Mn x 10^3 : 10.5 (total)	Mw/Mn : 1.09	4-arm PEG	1g
P10075-4EOOH	Mn x 10^3 : 10.5 (total)	Mw/Mn : 1.1	4-arm PEG	1g
P8506-4EOOH	Mn x 10^3 : 12 (total)	Mw/Mn : 1.09	4-arm PEG	1g
P1620-4EOOH	Mn x 10^3 : 13 (total)	Mw/Mn : 1.14	4-arm PEG	1g
P8504-4EOOH	Mn x 10^3 : 14 (total)	Mw/Mn : 1.14	4-arm PEG	1g
P1629-4EOOH	Mn x 10^3 : 15.5 (total)	Mw/Mn : 1.3	4-arm PEG	1g
P8524-4EOOH	Mn x 10^3 : 16.5 (total)	Mw/Mn : 1.1	4-arm PEG	1g
P8522-4EOOH	Mn x 10^3 : 19 (total)	Mw/Mn : 1.09	4-arm PEG	1g
P1626-4EOOH	Mn x 10^3 : 20 (total)	Mw/Mn : 1.15	4-arm PEG	1g
P8525-4EOOH	Mn x 10^3 : 21.5 (total)	Mw/Mn : 1.13	4-arm PEG	1g
P8526-4EOOH	Mn x 10^3 : 26 (total)	Mw/Mn : 1.13	4-arm PEG	1g
P18668-4EOOH	Mn x 10^3 : 36 (total)	Mw/Mn : 1.2	4-arm PEG	1g
P18669-4EOOH	Mn x 10^3 : 41.5 (total)	Mw/Mn : 1.12	4-arm PEG	1g
P8845-4EOOH	Mn x 10^3 : 45 (total)	Mw/Mn : 1.15	4-arm PEG	1g
P8846-4EOOH	Mn x 10^3 : 60 (total)	Mw/Mn : 1.15	4-arm PEG	1g

POLY(ETHYLENE OXIDE), HYDROXY-TERMINATED 5-ARM STAR POLYMER / CORE: TRIGLYCEROL

星形ポリマー　Poly(ethylene oxide), star polymera / Core: oligo(glycerol)

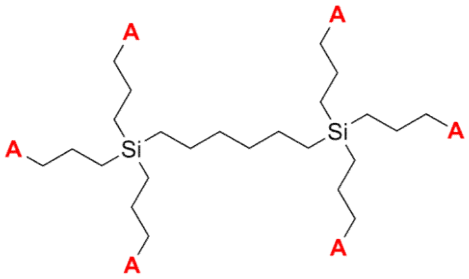


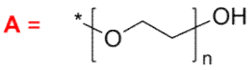


P9625-5EOOH	Mn x 10^3 : 6(total)	Mw/Mn : 1.25	5-arm PEG	1g
P9635D-5EOOH	Mn x 10^3 : 8(total)	Mw/Mn : 1.1	5-arm PEG	1g
P9635A-5EOOH	Mn x 10^3 : 9.5(total)	Mw/Mn : 1.12	5-arm PEG	1g
P9635B-5EOOH	Mn x 10^3 : 15(total)	Mw/Mn : 1.12	5-arm PEG	1g
P9635C-5EOOH	Mn x 10^3 : 30(total)	Mw/Mn : 1.17	5-arm PEG	1g

POLY(ETHYLENE OXIDE), HYDROXY-TERMINATED 6-ARM STAR POLYMER / CORE: 1,6-DISILYLHEXANE

星形ポリマー　Poly(ethylene oxide), star polymers / Core: silanes

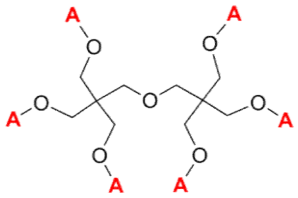


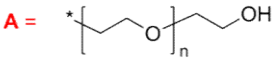


P3303-6EOOH	Mn x 10^3 : 5	Mw/Mn : 1.1	6-arm PEG	1g

POLY(ETHYLENE OXIDE), HYDROXY-TERMINATED 6-ARM STAR POLYMER / CORE: DIPENTAERYTHRITOL

星形ポリマー　Poly(ethylene oxide), star polymers / Core: di(pentaerythritol)

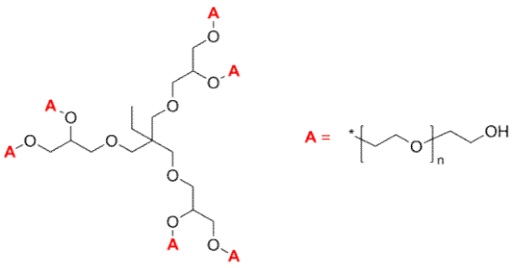




P9587-6EOOH	Mn x 10^3 : 5.2	Mw/Mn : 1.25	6-arm PEG	1g
P1850A-6EOOH	Mn x 10^3 : 7	Mw/Mn : 1.17	6-arm PEG; contains 50% linear PEG	1g
P3151A-6EOOH	Mn x 10^3 : 7	Mw/Mn : 1.25	6-arm PEG; contains 50% linear PEG	1g
P9672-6EOOH	Mn x 10^3 : 7	Mw/Mn : 1.2	6-arm PEG	1g
P1852A-6EOOH	Mn x 10^3 : 7.8	Mw/Mn : 1.09	6-arm PEG; contains 50% linear PEG	1g
P3300-7EOOH	Mn x 10^3 : 9	Mw/Mn : 1.14	6-arm PEG	1g
P3169A-6EOOH	Mn x 10^3 : 11	Mw/Mn : 1.3	6-arm PEG	1g
P18182-6EOOH	Mn x 10^3 : 13	Mw/Mn : 1.2	6-arm PEG	1g
P3155A-6EOOH	Mn x 10^3 : 14	Mw/Mn : 1.17	6-arm PEG	1g

POLY(ETHYLENE OXIDE), HYDROXY-TERMINATED 6-ARM STAR POLYMER / CORE: TRIMETHYLOLPROPANE ETHOXYLATE

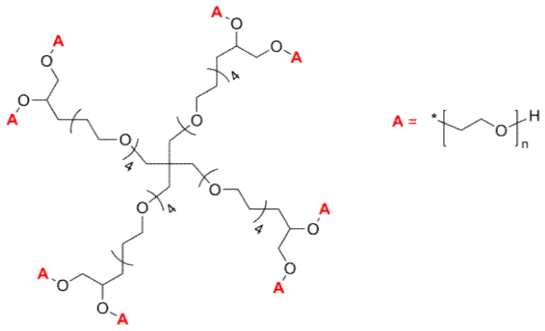
星形ポリマー　Poly(ethylene oxide), star polymers / Core: trimethylolpropane (ethoxylate)



P9690-6EOOH	Mn x 10^3 : 1	Mw/Mn : 1.2	6-arm PEO	1g
P9584B-6EOOH	Mn x 10^3 : 2.8	Mw/Mn : 1.40	6-arm PEO	1g
P9584-6EOOH	Mn x 10^3 : 3.5	Mw/Mn : 1.28	6-arm PEO	1g
P18178-6EOOH	Mn x 10^3 : 9	Mw/Mn : 1.2	6-arm PEO	1g

POLY(ETHYLENE OXIDE), HYDROXY-TERMINATED 8-ARM STAR POLYMER / CORE: DIPENTAERYTHRITOL-(TETRA-SOLKETAL)

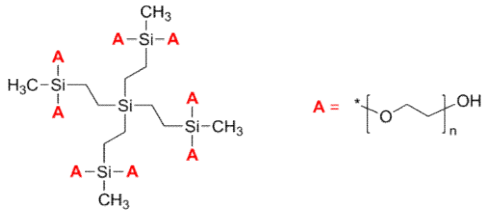
星形ポリマー Poly(ethylene oxide), star polymers / Core: di(pentaerythritol)



P9673-8EOOH	Mn x 10^3 : 10 (total); 1.2 (arm)	Mw/Mn : 1.2	8-arm PEO	1g

POLY(ETHYLENE OXIDE), HYDROXY-TERMINATED 8-ARM STAR POLYMER / CORE: TETRAKIS(2-SILYLETHYL)SILANE

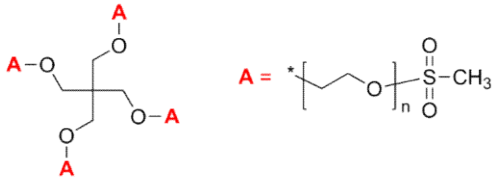
星形ポリマー Poly(ethylene oxide), star polymers / Core: silanes



P3290-8EOOH	Mn x 10^3 : 7 (total); 0.9 (arm)	Mw/Mn : 1.08	8-arm PEG	1g

POLY(ETHYLENE OXIDE), MESYLATE-TERMINATED 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL

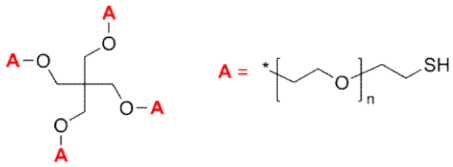
星形ポリマー Poly(ethylene oxide), star polymers / Core: pentaerythritol



P9688-4EOMesylate	Mn x 10^3 : 8.8 (total)	Mw/Mn : 1.28	4-arm PEO; f>90%	1g
P13267-4EOMesylate	Mn x 10^3 : 9.5 (total)	Mw/Mn : 1.08	4-arm PEO; f>99%	1g
P8622-4EOMesylate	Mn x 10^3 : 30 (total)	Mw/Mn : 1.15	4-arm PEO; f>99%	1g

POLY(ETHYLENE OXIDE), THIOL-TERMINATED 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL

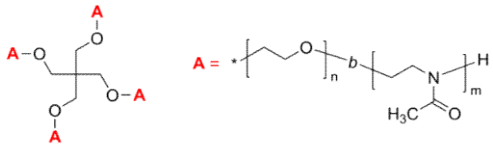
星形ポリマー　Poly(ethylene oxide), star polymers / Core: pentaerythritol



P10069-4EOSH	Mn x 10^3 : 10 (total)	Mw/Mn : 1.1	4-arm PEO	1g
P5797-4EOSH	Mn x 10^3 : 10 (total)	Mw/Mn : 1.09	4-arm PEO	1g

POLY(ETHYLENE OXIDE)-B-POLY(2-METHYL OXAZOLINE), 4-ARM BLOCK STAR / CORE: PENTAERYTHRITOL

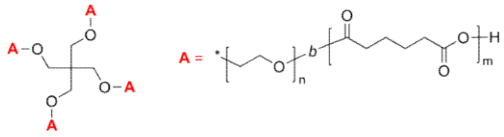
星形ブロックコポリマー　Diblock copolymers, star-shaped



P3174-4EOMOXZ	Mn x 10^3 : 2.5-3.5	Mw/Mn : 1.5	4-arm PEO-PMOXZ	0.5g

POLY(ETHYLENE OXIDE)-B-POLY(ADIPIC ANHYDRIDE), 4-ARM BLOCK STAR / CORE: PENTAERYTHRITOL

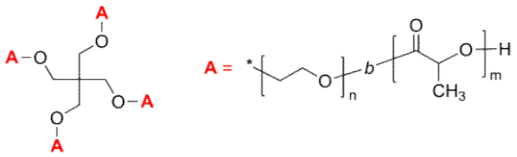
星形ブロックコポリマー　Diblock copolymer, star-shaped



P4088-4EOAAnh	Mn x 10^3 : 1.6-2.1	Mw/Mn : -	4-arm PEO-PAAnh	1g

POLY(ETHYLENE OXIDE)-B-POLY(LACTIDE), 4-ARM BLOCK STAR / CORE: PENTAERYTHRITOL

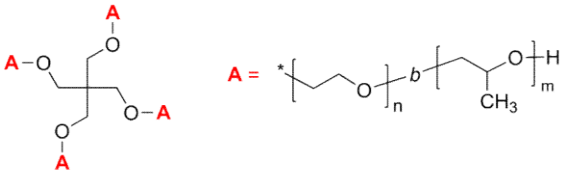
星形ブロックコポリマー Diblock copolymers, star-shaped



P3681-4EOLA	Mn x 10^3 : 0.1-0.7	Mw/Mn : 1.1	4-arm PEO-P DL-form	0.5g
P3928-4EOLA	Mn x 10^3 : 0.2-2.0	Mw/Mn : 1.08	4-arm PEO-P D-form	0.5g
P3152-4EOLA	Mn x 10^3 : 2.5-0.5	Mw/Mn : 1.07	4-arm PEO-P DL-form	0.5g
P3140-4EOLA	Mn x 10^3 : 2.5-0.8	Mw/Mn : 1.15	4-arm PEO-P L-form	0.5g
P3161-4EOLA	Mn x 10^3 : 2.5-1.6	Mw/Mn : 1.07	4-arm PEO-P DL-form	0.5g
P3164-4EOLA	Mn x 10^3 : 2.5-3.7	Mw/Mn : 1.15	4-arm PEO-P DL-form	0.5g
P3166-4EOLA	Mn x 10^3 : 2.5-5.5	Mw/Mn : 1.3	4-arm PEO-P DL-form	0.5g

POLY(ETHYLENE OXIDE)-B-POLY(PROPYLENE OXIDE), 4-ARM BLOCK STAR / CORE: PENTAERYTHRITOL

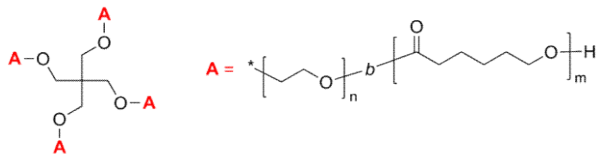
星形ブロックコポリマー Diblock copolymers, star-shaped



P10257-4EOPO	Mn x 10^3 : 1.9-b-5.6	Mw/Mn : 1.15	4-arm PEO-PPO	0.5g
P10268-4EOPO	Mn x 10^3 : 1.9-b-7.0	Mw/Mn : 1.25	4-arm PEO-PPO	0.5g
P10243-4EOPO	Mn x 10^3 : 2-b-5.5	Mw/Mn : 1.25	4-arm PEO-PPO	0.5g
P10245-4EOPO	Mn x 10^3 : 2-b-6.5	Mw/Mn : 1.25	4-arm PEO-PPO	0.5g
P10276-4EOPO	Mn x 10^3 : 2-b-7.5	Mw/Mn : 1.13	4-arm PEO-PPO	0.5g
P10260-4EOPO	Mn x 10^3 : 2-b-9.5	Mw/Mn : 1.12	4-arm PEO-PPO	0.5g
P10264-4EOPO	Mn x 10^3 : 2-b-10.5	Mw/Mn : 1.13	4-arm PEO-PPO	0.5g
P10261-4EOPO	Mn x 10^3 : 2-b-22.0	Mw/Mn : 1.28	4-arm PEO-PPO	0.5g

POLY(ETHYLENE OXIDE)-B-POLY(E-CAPROLACTONE), 4-ARM BLOCK STAR / CORE: PENTAERYTHRITOL

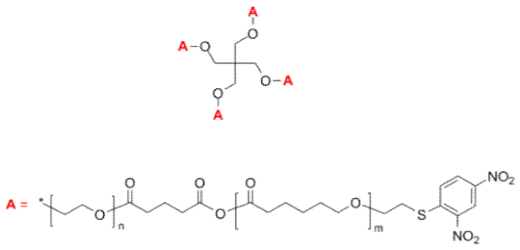
星形ブロックコポリマー　Diblock copolymer, star-shaped



P10531-4EOCL	Mn x 10^3 : 0.136-B-1.06	Mw/Mn : 1.15	4-arm PEO-PCL	1g
P10498-4EOCL	Mn x 10^3 : 0.22-b-0.450	Mw/Mn : 1.15	4-arm PEO-PCL	1g
P10498A-4EOCL	Mn x 10^3 : 0.22-b-0.50	Mw/Mn : 1.15	4-arm PEO-PCL	1g
P10537-4EOCL	Mn x 10^3 : 0.22-b-0.95	Mw/Mn : 1.15	4-arm PEO-PCL	1g
P14270A-4EOCL	Mn x 10^3 : 0.22-b-1.6	Mw/Mn : 1.15	4-arm PEO-PCL	1g
P14270B-4EOCL	Mn x 10^3 : 0.22-b-2	Mw/Mn :	4-arm PEO-PCL	1g
P10002-4EOCL	Mn x 10^3 : 0.27-b-1.3	Mw/Mn : 1.15	4-arm PEO-PCL	1g
P1002-4EOCl	Mn x 10^3 : 0.27-b-1.3	Mw/Mn : 1.3	4-arm PEO-PCL	1g
P10003-4EOCL	Mn x 10^3 : 0.27-b-1.5	Mw/Mn : 1.15	4-arm PEO-PCL	1g
P10004-4EOCL	Mn x 10^3 : 0.27-b-1.9	Mw/Mn : 1.3	4-arm PEO-PCL	1g
P10517A-4EOCL	Mn x 10^3 : 0.32-b-0.75	Mw/Mn : 1.15	4-arm PEO-PCL	1g
P10319-4EOCL	Mn x 10^3 : 0.32-b-0.9	Mw/Mn : 1.15	4-arm PEO-PCL	1g
P10517B-4EOCL	Mn x 10^3 : 0.32-b-0.9	Mw/Mn : 1.15	4-arm PEO-PCL	1g
P10538-4EOCL	Mn x 10^3 : 0.32-b-1.3 (total)	Mw/Mn : 1.15	4-arm PEO-PCL	1g
P10539-4EOCL	Mn x 10^3 : 0.32-b-1.5	Mw/Mn : 1.15		1g
P10540-4EOCL	Mn x 10^3 : 0.32-b-1.6	Mw/Mn : 1.15		1g
P10541-4EOCL	Mn x 10^3 : 0.32-b-1.8	Mw/Mn : 1.15		1g
P10502A-4EOCL	Mn x 10^3 : 0.4-b-0.450	Mw/Mn : 1.15		1g
P10502-4EOCL	Mn x 10^3 : 0.4-b-1.15	Mw/Mn : 1.15		1g
P10684-4EOCL	Mn x 10^3 : 0.45-b-1.27	Mw/Mn : 1.15		1g
P10683-4EOCL	Mn x 10^3 : 0.45-b-1.56	Mw/Mn : 1.15		1g
P10774A-4EOCL	Mn x 10^3 : 0.5-b-5.2	Mw/Mn : 1.36	4-arm PEO-PCL	1g
P10686-4EOCL	Mn x 10^3 : 0.5-b-6	Mw/Mn : 1.3	4-arm PEO-PCL	1g
P10686-4EOCL	Mn x 10^3 : 0.55-b-0.65	Mw/Mn : 1.25		1g
P10687-4EOCL	Mn x 10^3 : 0.55-b-1.15	Mw/Mn : 1.2		1g
P10704A-4EOCL	Mn x 10^3 : 0.72-b-1.95	Mw/Mn : 1.15		1g
P10704-4EOCL	Mn x 10^3 : 0.75-b-2.0	Mw/Mn : 1.15		1g
P10696-4EOCL	Mn x 10^3 : 0.75-b-3.0	Mw/Mn : 1.15		1g
P10696A-4EOCL	Mn x 10^3 : 0.75-b-3.5	Mw/Mn : 1.15		1g
P10698-4EOCL	Mn x 10^3 : 0.75-b-3.5	Mw/Mn : 1.15		1g
P10697-4EOCL	Mn x 10^3 : 0.8-b-1.8	Mw/Mn : 1.15		1g
P10681-4EOCL	Mn x 10^3 : 0.8-b-1.9	Mw/Mn : 1.15		1g
P10320-4EOCL	Mn x 10^3 : 0.8-b-2.2	Mw/Mn : 1.2		1g
P10321-4EOCL	Mn x 10^3 : 1.2-b-3	Mw/Mn :		1g
P3447-4EOCL	Mn x 10^3 : 2.5-b-0.5	Mw/Mn :		1g
P3136-4EOCL	Mn x 10^3 : 2.5-b-2.7	Mw/Mn : 1.19		1g
P3131-4EOCL	Mn x 10^3 : 2.5-b-6.0	Mw/Mn : 1.2		1g
P3132-4EOCL	Mn x 10^3 : 2.5-b-11.5	Mw/Mn : 1.09		1g

POLY(ETHYLENE OXIDE)-B-POLY(E-CAPROLACTONE), 4-ARM BLOCK STAR, Ω-(DINITROPHENYL)SULFANYLETHYL-TERMINATED / CORE: PENTAERYTHRITOL

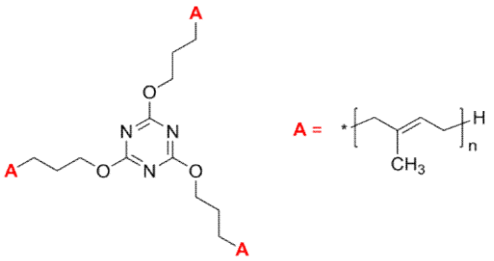
星形ブロックコポリマー　pentaerythritol　Diblock copolymers, star-shaped



P14702-4EOCL-DNB	Mn x 10^3 : 1.8-b-16	Mw/Mn : 1.22	1g

POLY(ISOPRENE), 3-ARM STAR POLYMER / CORE: 2,4,6-TRIPROPOXY-1,3,5-TRIAZINE　星型ポリマー

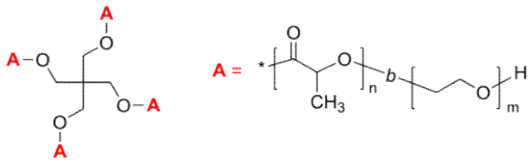
Poly(isoprene), star-shaped



P883-3Ip	Mn x 10^3 : 89(arm)	Mw/Mn : 1.04	3-arm PIp	0.5g
P10013a-3Ip	Mn x 10^3 : 110(arm)	Mw/Mn : 1.06	3-arm PIp	0.5g
P906-3Ip*	Mn x 10^3 : 196.5(arm)	Mw/Mn : 1.09	3-arm PIp	0.5g
P893-3Ip	Mn x 10^3 : 235.5(arm)	Mw/Mn : 1.06	3-arm PIp	0.5g
P797-3Ip	Mn x 10^3 : 554(arm)	Mw/Mn : 1.15	3-arm PIp	0.5g

POLY(LACTIDE)-B-POLY(ETHYLENE OXIDE), 4-ARM BLOCK STAR / CORE: PENTAERYTHRITOL

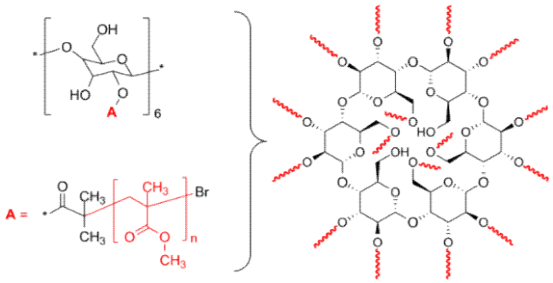
星形ブロックコポリマー　Diblock copolymers, star-shaped



P3648-4LAEO	Mn x 10^3 : 3*-2.0	Mw/Mn : 1.11	*degree of polymerization; 4-arm P(DL)LA-PEO	0.5g
P5026-4LAEO	Mn x 10^3 : 4*-2.0	Mw/Mn : 1.12	*degree of polymerization; 4-arm P(DL)LA-PEO	0.5g
P6020-4LAEO	Mn x 10^3 : 5*-2.5	Mw/Mn : 1.11	*degree of polymerization; 4-arm P(DL)LA-PEO	0.5g

POLY(METHYL METHACRYLATE), 16-ARM STAR POLYMER / CORE: A-CYCLODEXTRIN　**星型ポリマー**

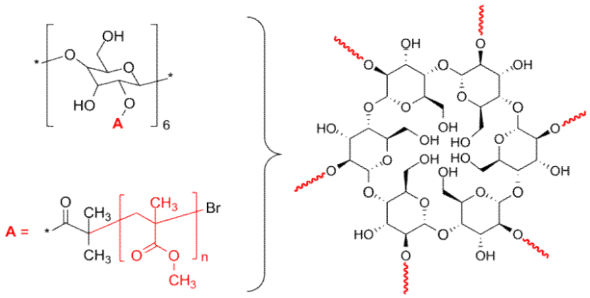
Poly(methyl methacrylate), star-shaped



P20136-16MMA	Mn x 10^3 : 20 (arm); 312 (total)	Mw/Mn : 1.45	16-arm PMMA	1g

POLY(METHYL METHACRYLATE), 6-ARM STAR POLYMER / CORE: A-CYCLODEXTRIN 星型ポリマー

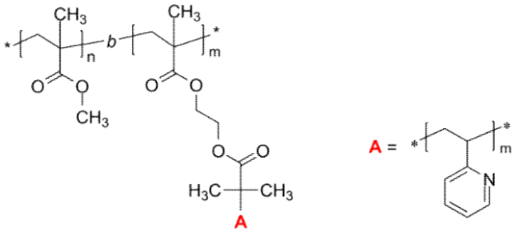
Poly(methyl methacrylate), star-shaped



P20146-6MMA	Mn x 10^3 : 7.5 (arm); 43.1 (total)	Mw/Mn : 1.31	6-arm PMMA	1g

POLY(METHYL METHACRYLATE)-B-[POLY(ISOBUTYRYL ETHYL METHACRYLATE)-GRAFT-POLY(2-VINYL PYRIDINE)]

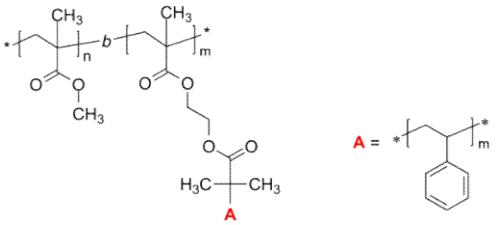
グラフトコポリマー Polymers grafted on Block Copolymer



P13062-MMAIBEMA-G-2VP	Mn x 10^3 : 5.5-b-2.5-g-3.5	Mw/Mn : 1.2	9 arms	0.5g

POLY(METHYL METHACRYLATE)-B-[POLY(ISOBUTYRYL ETHYL METHACRYLATE)-GRAFT-POLY(STYRENE)]

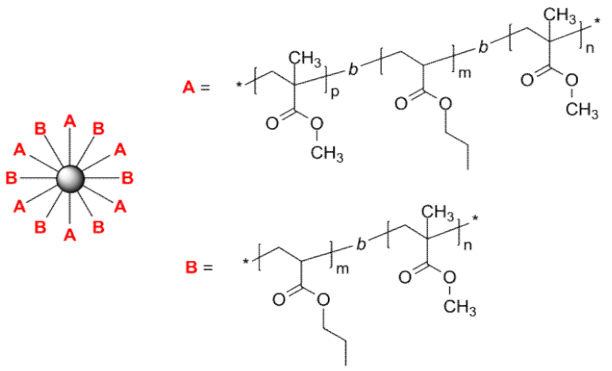
グラフトブロックコポリマー　Polymers grafted on Block Copolymer



P13061-MMAIBEMA-G-S	Mn x 10^3 : 3.4-b-1.3-g-2.8	Mw/Mn : 1.39	18 arms	0.5g
P13059-MMAIBEMA-G-S	Mn x 10^3 : 3.4-b-5.0-g-20.0	Mw/Mn : 1.81	5 arms	0.5g
P13054-MMAIBEMA-G-S	Mn x 10^3 : 5.5-b-2.5-g-5.0	Mw/Mn : 1.3	9 arms	0.5g
P13049-MMAIBEMA-G-S	Mn x 10^3 : 5.5-b-2.5-g-8	Mw/Mn : 1.45	9 arms	0.5g
P13060-MMAIBEMA-G-S	Mn x 10^3 : 5.5-b-2.5-g-10.0	Mw/Mn : 2.13	9 arms	0.5g

POLY(METHYL METHACRYLATE)-B-POLY(N-BUTYL ACRYLATE)-B-POLY(METHYL METHACRYLATE) / POLY(N-BUTYL ACRYLATE)-B-POLY(METHYL METHACRYLATE), MIXED BLOCK STAR

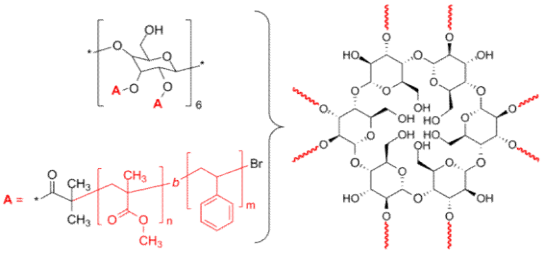
星形ミックスブロックコポリマー　Mixed block copolymers, star-shaped



P3833-mixed star	Mn x 10^3 : 740	Mw/Mn : 1.17	12-arm star; 15% free polymer	0.5g

POLY(METHYL METHACRYLATE)-B-POLY(STYRENE), 8-ARM BLOCK STAR / CORE: A-CYCLODEXTRIN

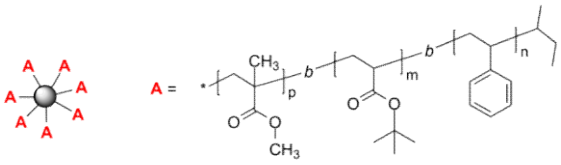
星形ブロックコポリマー　Diblock copolymers, star-shaped



P20142-2-8MMAS	Mn x 10^3 : 5.3 (arm); 41 (total)	Mw/Mn : 1.28	8-arm PMMA-PS	1g

POLY(METHYL METHACRYLATE)-B-POLY(TERT-BUTYL ACRYLATE)-B-POLY(STYRENE), MULTI-ARM BLOCK STAR

星形トリブロックコポリマー　Triblock copolymers, star-shaped

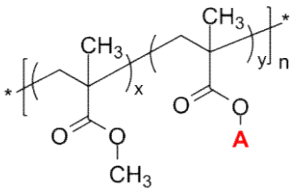


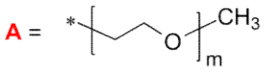
P3832-(StBuAMMA)x	Mn x 10^3 : 22-b-64-b-15 (S-b-tBuA-b-MMA arm)	Mw/Mn : 1.17	7.5-arm star triblock; ~15% free diblock	1g

Poly(methyl methacrylate)-graft-poly(ethylene oxide)　グラフトポリマー

Other name: Poly(methyl methacrylate–co–[poly(ethylene oxide)] methacrylate).

Polymers grafted on Poly(methyl methacrylate)

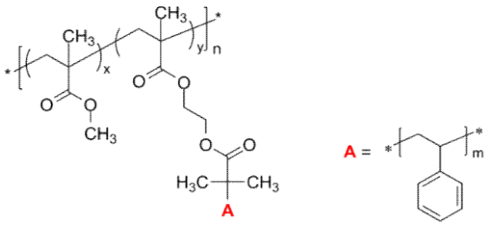




P6536-MMAEOMAran	Mn x 10^3 : 12.5-g-0.3	Mw/Mn : 1.1	80 wt% of MMA	1g
P6535-MMAEOMAran	Mn x 10^3 : 12.6-g-0.3	Mw/Mn : 1.1	89 wt% of MMA	1g
P42990-MMAEOMAran	Mn x 10^3 : 14 (total)	Mw/Mn : 1.14	MMA:EOMA=88: 12mol%; Mn(EOMA) = 2	1g
P6543-MMAEOMAran	Mn x 10^3 : 20-g-0.3	Mw/Mn : 1.25	50 wt% of MMA	1g
P6537-MMAEOMAran	Mn x 10^3 : 21.5-g-0.3	Mw/Mn : 1.13	74 wt% of MMA	1g
P6539-MMAEOMAran	Mn x 10^3 : 23.3-g-1.1	Mw/Mn : 1.13	74 wt% of MMA	1g
P6540-MMAEOMAran	Mn x 10^3 : 34.6-g-1.1	Mw/Mn : 1.14	50 wt% of MMA	1g
P42989-MMAEOMAran	Mn x 10^3 : 52 (total)	Mw/Mn : 1.14	MMA:EOMA=88: 12mol%; Mn(EOMA) = 2	1g

POLY(METHYL METHACRYLATE–CO–[ISOBUTYRYL ETHYLMETHACRYLATE–GRAFT–POLYSTYRENE])

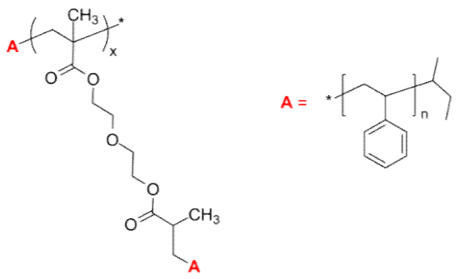
グラフトポリマー　Polymers grafted on Poly(methyl methacrylate)



P13073-MMAIBEMAran-g-S	Mn x 10^3 : 2.3-co-4.2-g-3.8	Mw/Mn : 2.15	MMA = 60 mol%	0.5g
P13069-MMAIBEMAran-g-S	Mn x 10^3 : 23.3-g-19.3	Mw/Mn : 1.8	IBEMA = 4 mol%	0.5g
P13070-MMAIBEMAran-g-S	Mn x 10^3 : 26.6-g-18.4	Mw/Mn : 4.0	IBEMA = 77 mol%	0.5g

POLY(STYRENE), 10-ARM STAR POLYMER / CORE: DIETHYLENE GLYCOL DIMETHACRYLATE 星型ポリマー

Poly(styrene), star-shaped

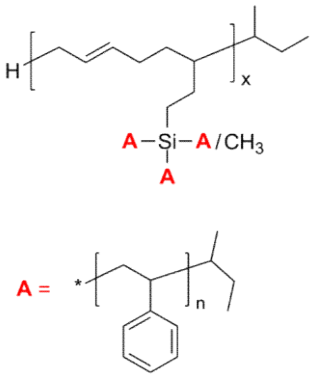


P19780-PS-multiarms	Mn x 10^3 : 25 (arm); 254 (total)	Mw/Mn : 1.04 (arm);	10-arm PS	1g

POLY(STYRENE), 10-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED 星型ポリマー

Other name: Poly(styrene) grafted on oligo(butadiene).

Poly(styrene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)

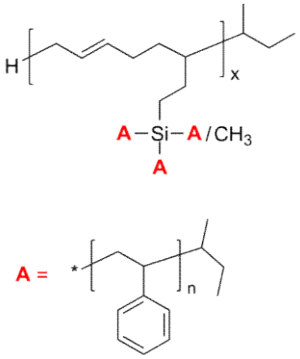


P18395-10S	Mn x 10^3 : 0.6 (arm); 6.3 (total)	Mw/Mn : 1.1	10-arm PS-g-Bd	1g
P18375- 10S	Mn x 10^3 : 1 (arm); 11 (total)	Mw/Mn : 1.05	10-arm PS-g-Bd	1g
P18375A-10S	Mn x 10^3 : 1 (arm); 10.5 (total)	Mw/Mn : 1.05	10-arm PS-g-Bd	1g
P18375B-10S	Mn x 10^3 : 1 (arm); 10.5 (total)	Mw/Mn : 1.07	10-arm PS-g-Bd	1g
P18375D-10S	Mn x 10^3 : 1 (arm); 11.5 (total)	Mw/Mn : 1.07	10-arm PS-g-Bd	1g
P18380-10S	Mn x 10^3 : 10.5 (arm); 109.5 (total)	Mw/Mn : 1.15	10-arm PS-g-Bd	1g

POLY(STYRENE), 12-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星状ポリマー

Other name: Poly(styrene) grafted on oligo(butadiene).

Poly(styrene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)

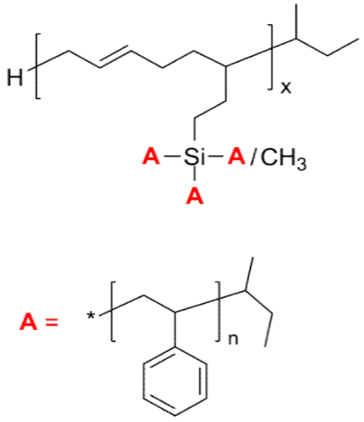


P18375C-12S	Mn x 10^3 : 1 (arm); 13.5 (total)	Mw/Mn : 1.07	12-arm PS-g-Bd	1g

POLY(STYRENE), 13-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星状ポリマー

Other name: Poly(styrene) grafted on oligo(butadiene).

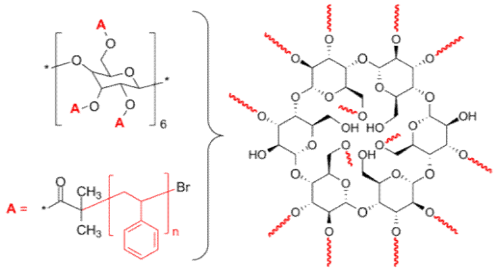
Poly(styrene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)



P18480A-13S	Mn x 10^3 : 1.2 (arm); 13 (total)	Mw/Mn : 1.16	13-arm PS-g-Bd	0.5g
P18417-13S	Mn x 10^3 : 3 (arm); 40 (total)	Mw/Mn : 1.08	13-arm PS-g-Bd	0.5g

POLY(STYRENE), 13-ARM STAR POLYMER / CORE: A-CYCLODEXTRIN　星状ポリマー

Poly(styrene), star polymers / Core: α-Cyclodextrin

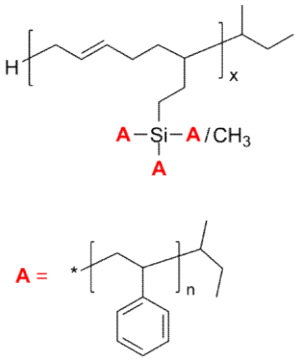


P20132-13S	Mn x 10^3 : 6.5 (arm); 83 (total)	Mw/Mn : 1.46	13-arm PS	0.5g

POLY(STYRENE), 14-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星型ポリマー

Other name: Poly(styrene) grafted on oligo(butadiene).

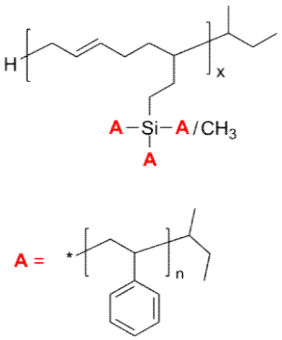
Poly(styrene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)



P18412-14S	Mn x 10^3 : 1.4 (arm); 18.5 (total)	Mw/Mn : 1.06	14-arm PS-g-Bd	0.5g

POLY(STYRENE), 15-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星状ポリマー

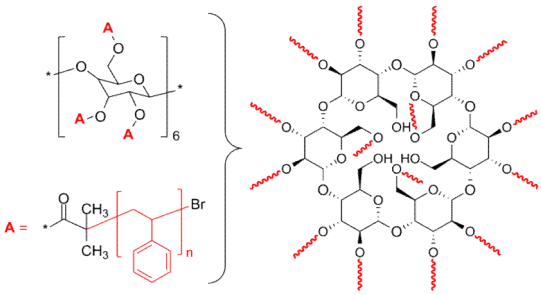
Poly(styrene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)



P18411-15S	Mn x 10^3 : 1.3 (arm); 19.5 (total)	Mw/Mn : 1.06	15-arm PS-g-Bd	0.5g
P18416-15S	Mn x 10^3 : 5 (arm); 75 (total)	Mw/Mn : 1.07	15-arm PS-g-Bd	0.5g

POLY(STYRENE), 15-ARM STAR POLYMER / CORE: A-CYCLODEXTRIN　星型ポリマー

Poly(styrene), star polymers / Core: α-Cyclodextrin

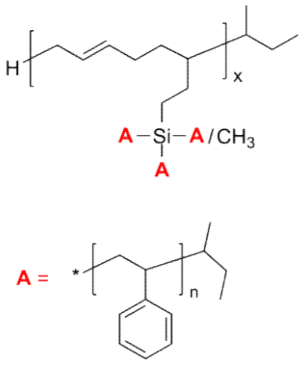


P20133A-15S	Mn x 10^3 : 4.5 (arm); 69.5 (total)	Mw/Mn : 1.35	15-arm PS	1g
P20145-1-15S	Mn x 10^3 : 6.1 (arm); 87 (total)	Mw/Mn : 1.17	15-arm PS	1g

POLY(STYRENE), 16-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星状ポリマー

Other name: Poly(styrene) grafted on oligo(butadiene).

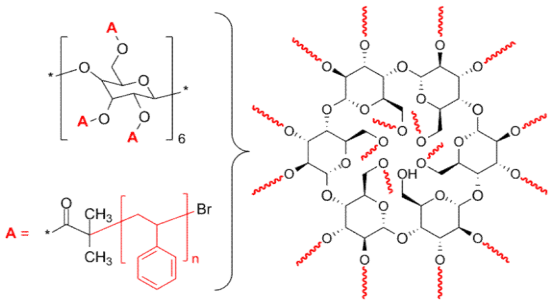
Poly(styrene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)



P18399-16S	Mn x 10^3 : 1.1 (arm); 17 (total)	Mw/Mn : 1.08	16-arm PS-g-Bd	0.5g

POLY(STYRENE), 17-ARM STAR POLYMER / CORE: A-CYCLODEXTRIN　星状ポリマー

Poly(styrene), star polymers / Core: α-Cyclodextrin

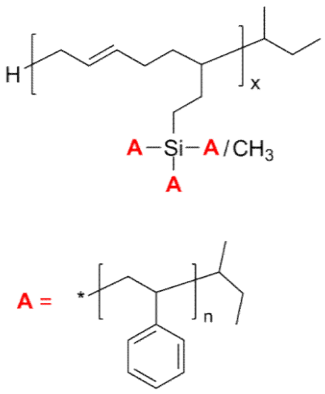


P20147-17S	Mn x 10^3 : 88 (arm); 1515 (total)	Mw/Mn : 1.28	17-arm PS	1g

POLY(STYRENE), 20-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星状ポリマー

Other name: Poly(styrene) grafted on oligo(butadiene).

Poly(styrene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)

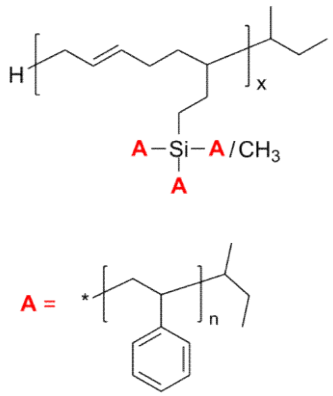


P18480-20S	Mn x 10^3 : 1.2 (arm); 24.5 (total)	Mw/Mn : 1.3	20-arm PS-g-Bd	0.5g

POLY(STYRENE), 30-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星状ポリマー

Other name: Poly(styrene) grafted on oligo(butadiene).

Poly(styrene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)

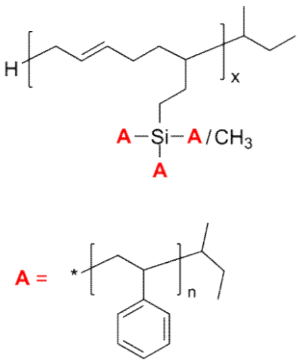


P18406-30S	Mn x 10^3 : 1 (arm); 30.5 (total)	Mw/Mn : 1.06	30-arm PS-g-Bd	0.5g

POLY(STYRENE), 32-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星状ポリマー

Other name: Poly(styrene) grafted on oligo(butadiene).

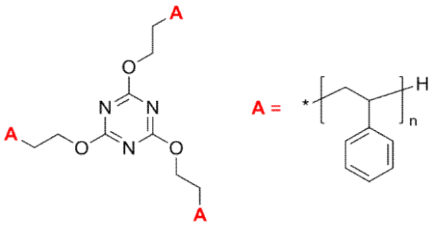
Poly(styrene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)



P18405-32S	Mn x 10^3 : 1 (arm); 32.5 (total)	Mw/Mn : 1.06	32-arm PS-g-Bd	0.5g

POLY(STYRENE), 3-ARM STAR POLYMER / CORE: 2,4,6-TRIPROPOXY-1,3,5-TRIAZINE　星形ポリマー

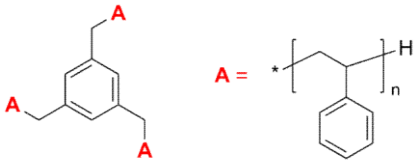
Poly(styrene), star-shaped



P1794-3S	Mn x 10^3 : 18.9 (arm); 58 (total)	Mw/Mn : 1.09	3-arm PS	1g
P1792-3S	Mn x 10^3 : 109.8 (arm); 330 (total)	Mw/Mn : 1.07	3-arm PS	1g
P5382-3S	Mn x 10^3 : 766 (arm); 2300 (total)	Mw/Mn : 1.08	3-arm PS	1g
P5385-3S	Mn x 10^3 : 1400 (arm); 4800 (total)	Mw/Mn : 1.1	3-arm PS	1g

POLY(STYRENE), 3-ARM STAR POLYMER / CORE: MESITYLENE　星型ポリマー

Poly(styrene), star-shaped

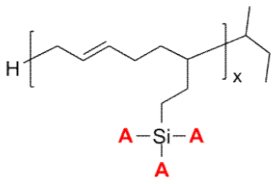


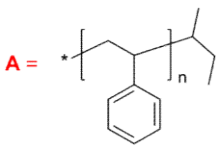
P1005-3S	Mn x 10^3 : 1480 (arm); 4760 (total)	Mw/Mn : 1.08	3-arm PS	0.5g

POLY(STYRENE), 47-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星状ポリマー

Other name: Poly(styrene) grafted on oligo(butadiene).

Poly(styrene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)

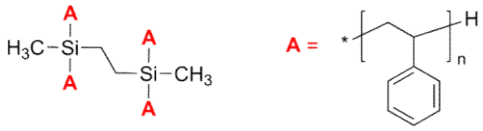




P18400-47S	Mn x 10^3 : 1 (arm); 47.5 (total)	Mw/Mn : 1.05	47-arm PS-g-Bd	0.5g

POLY(STYRENE), 4-ARM STAR POLYMER / CORE: 1,2-BIS(METHYLSILYL)ETHANE　星形ポリマー

Poly(styrene), star-shaped

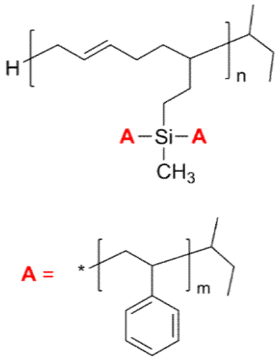


P2061-4S	Mn x 10^3 : 4.2 (arm)	4-arm PS	0.5g

POLY(STYRENE), 5-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星型ポリマー

Other name: Poly(styrene) grafted on oligo(butadiene).

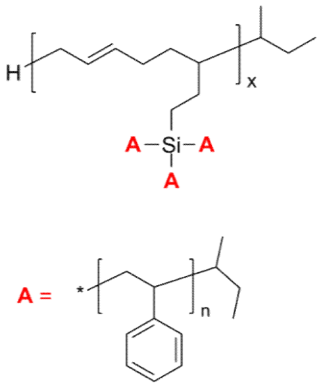
Poly(styrene), star polymers / Core: oligo([1,2-co-1,4]-butadiene)



P18381-5S	Mn x 10^3 : 31 (arm); 142 (total)	Mw/Mn : 1.15	1g

POLY(STYRENE), 6-ARM STAR POLYMER / CORE: OLIGO(BUTADIENE), SILYL-MODIFIED　星型ポリマー

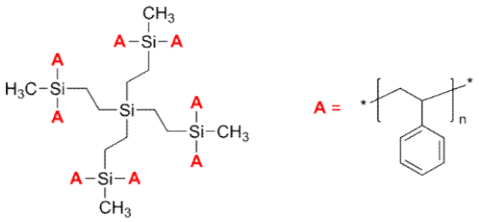
Other name: Poly(styrene) grafted on oligo(butadiene).



P18394-6S	Mn x 10^3 : 0.7 (arm); 3.8 (total)	Mw/Mn : 1.25	6-arm PS-g-Bd	1g

POLY(STYRENE), 8-ARM STAR POLYMER / CORE: TETRAKIS(2-SILYLETHYL)SILANE　星形ポリマー

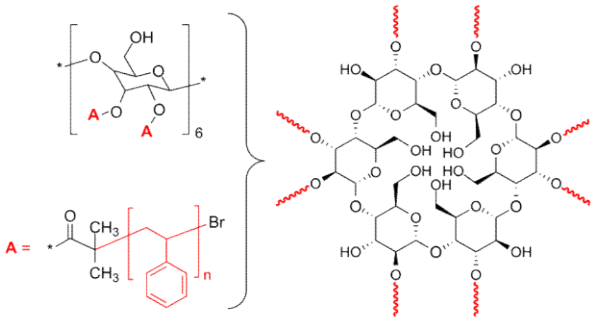
Poly(styrene), star-shaped



P11293-8S	Mn x 10^3 : 4.8 (arm); 37.3 (total)	Mw/Mn : 1.04	8-arm PS	0.5g
P11289-8S	Mn x 10^3 : 9 (arm); 72 (total)	Mw/Mn : 1.05	8-arm PS	0.5g
P314-8S	Mn x 10^3 : 25.3	Mw/Mn :	8-arm PS	0.5g
P322-8S	Mn x 10^3 : 34.6 (arm); 273 (total)	Mw/Mn : 1.02	8-arm PS	0.5g
P331-8S	Mn x 10^3 : 45.5 (arm); 391 (total)	Mw/Mn : 1.03	8-arm PS	0.5g
P332-8S	Mn x 10^3 : 46.7 (arm); 391 (total)	Mw/Mn : 1.03	8-arm PS	0.5g
P11296-8S	Mn x 10^3 : 137 (arm); 1137 (total)	Mw/Mn : 1.08	8-arm PS	0.5g

POLY(STYRENE), 8-ARM STAR POLYMER / CORE: A-CYCLODEXTRIN　星状ポリマー

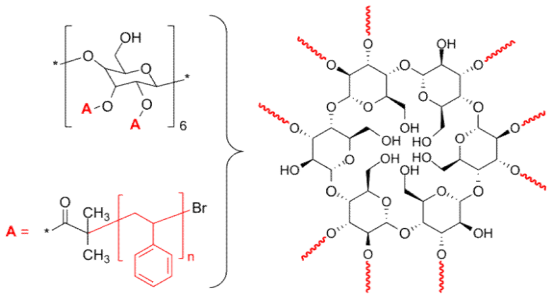
Poly(styrene), star polymers / Core: α-Cyclodextrin



P20133C-8S	Mn x 10^3 : 10 (arm); 77 (total)	Mw/Mn : 1.3	8-arm PS	1g

POLY(STYRENE), 9-ARM STAR POLYMER / CORE: A-CYCLODEXTRIN　星形ポリマー

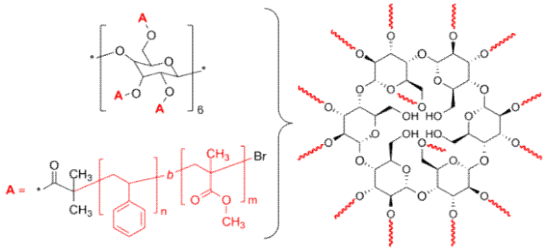
Poly(styrene), star polymers / Core: α-Cyclodextrin



P20133B-9S	Mn x 10^3 : 74 (total); 8 (arm)	Mw/Mn : 1.45	9-arm PS	1g

POLY(STYRENE)-B-POLY(METHYL METHACRYLATE), 14-ARM BLOCK STAR / CORE: A-CYCLODEXTRIN

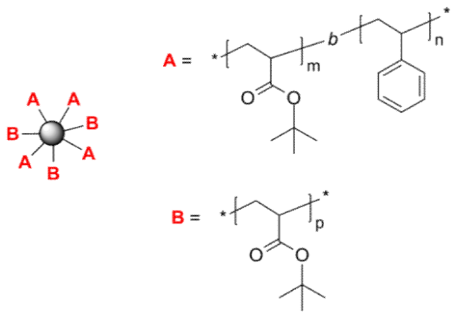
星形ブロックコポリマー　Diblock copolymers, star-shaped



P20144A-14SMMA	Mn x 10^3 : 10.7 (arm); 269.4 (total)	Mw/Mn : 1.32	14-arm PS-PMMA	1g

POLY(STYRENE)-B-POLY(TERT-BUTYL ACRYLATE) / POLY(TERT-BUTYL ACRYLATE), MIXED BLOCK STAR

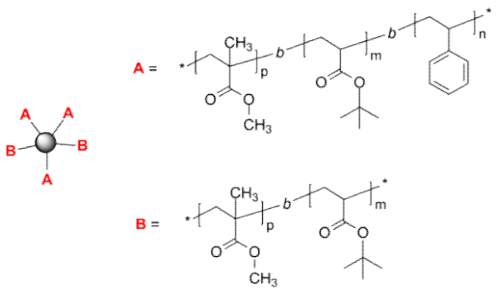
星形ミックスブロックコポリマー　Mixed block copolymers, star-shaped



P3836-mixed star	Mn x 10^3 : 700	Mw/Mn : 1.2	6-arm star; 12% free polymer	0.5g

POLY(STYRENE)-B-POLY(TERT-BUTYL ACRYLATE)-B-POLY(METHYL METHACRYLATE) / POLY(TERT-BUTYL ACRYLATE)-B-POLY(METHYL METHACRYLATE), MIXED BLOCK STAR

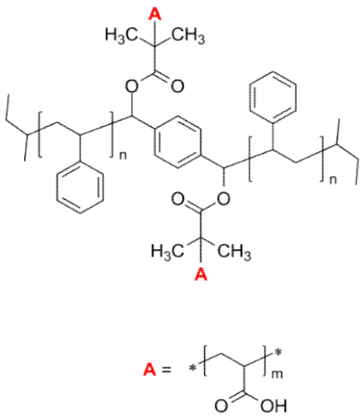
星形ミックスブロックコポリマー Mixed block copolymers, star-shaped



P3838-mixed star	Mn x 10^3 : 1,000	Mw/Mn : 1.1	5-arm star; 15% free polymer	0.5g

POLY(STYRENE)-GRAFT-POLY(ACRYLIC ACID), GRAFTING ON LINK IN CENTER **グラフトコポリマー**

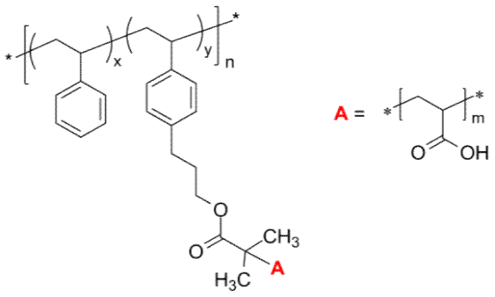
Polymers grafted on Poly(styrene)



P18120C-SAAcomb	Mn x 10^3 : 10-g-1.10	Mw/Mn : 1.18	PAA=2 arms	1g
P18121CC-SAAcomb	Mn x 10^3 : 10-g-1.1	Mw/Mn : 1.1	PAA=2 arms	1g
P18121BB-SAAcomb	Mn x 10^3 : 10-g-1.8	Mw/Mn : 1.20	PAA=2 arms	1g
P18120BB-SAAcomb	Mn x 10^3 : 20-g-1.8	Mw/Mn : 1.2	PAA=2 arms	1g
P18120CC-SAAcomb	Mn x 10^3 : 20-g-2	Mw/Mn : 1.2	PAA=2 arms	1g
P18120DD-SAAcomb	Mn x 10^3 : 20-g-2.3	Mw/Mn : 1.18	PAA=2 arms	1g
P18120EE-SAAcomb	Mn x 10^3 : 20-g-4.0	Mw/Mn : 1.2	PAA=2 arms	1g

POLY(STYRENE)-GRAFT-POLY(ACRYLIC ACID), GRAFTING ON BACKBONE　グラフトポリマー

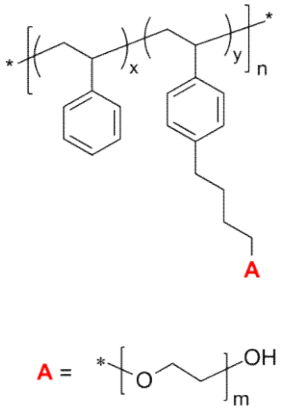
Polymers grafted on Poly(styrene)



P2854-SAAcomb	Mn x 10^3 : 1.25-g-4.9	Mw/Mn : 1.5	PAA = 4 arms	1g
P14634-SAAcomb	Mn x 10^3 : 13.6-g-2.0	Mw/Mn : 1.32	PEO = 5 arms	1g
P14637-SAAcomb	Mn x 10^3 : 13.6-g-2.3	Mw/Mn : 1.32	PEO = 5 arms	1g
P14638-SAAcomb	Mn x 10^3 : 13.6-g-5	Mw/Mn : 1.5	PEO = 4 arms	1g
P14640B-SAAcomb	Mn x 10^3 : 16.2-g-1.0	Mw/Mn : 2.03	PEO = 12 arms	1g
P14641B-SAAcomb	Mn x 10^3 : 16.2-g-2.4	Mw/Mn : 2.03	PEO = 12 arms	1g
P14642B-SAAcomb	Mn x 10^3 : 40.4-g-1.9	Mw/Mn : 6.1	PEO = 48 arms	1g
P14643B-SAAcomb	Mn x 10^3 : 40.4-g-2.2	Mw/Mn : 6.1	PEO = 48 arms	1g

POLY(STYRENE)-GRAFT-POLY(ETHYLENE OXIDE), PEO IS HYDROXY-TERMINATED　グラフトコポリマー

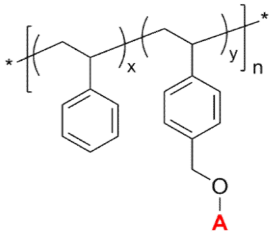
Poly(styrene)-graft-poly(ethylene oxide), grafting on backbone

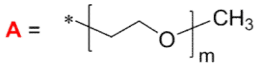


P41757-SEOcomb	Mn x 10^3 : 6-g-1.4	Mw/Mn : 1.5	PEO = 10 branches	1g
P41758-SEOcomb	Mn x 10^3 : 6-g-2.8	Mw/Mn : 1.5	PEO = 10 branches	1g
P41755-SEOcomb	Mn x 10^3 : 6-g-3.7	Mw/Mn : 1.5	PEO = 10 branches	1g
P41759-SEOcomb	Mn x 10^3 : 6-g-5	Mw/Mn : 1.5	PEO = 10 branches	1g
P41760-SEOcomb	Mn x 10^3 : 6-g-12	Mw/Mn : 1.5	PEO = 10 branches	1g
P15020A-SEOcomb	Mn x 10^3 : 21-g-4	Mw/Mn : 1.5	PEO = 6 arms	1g
P15020D-SEOcomb	Mn x 10^3 : 24.5-g-4.5	Mw/Mn : 1.6	PEO = 6 arms	1g
P15020E-SEOcomb	Mn x 10^3 : 24.5-g-4.5	Mw/Mn : 1.7	PEO = 6 arms	1g

新製品：POLY(STYRENE)-GRAFT-POLY(ETHYLENE OXIDE), PEO IS METHOXY-TERMINATED

グラフトコポリマー　Polymers grafted on Poly(styrene)

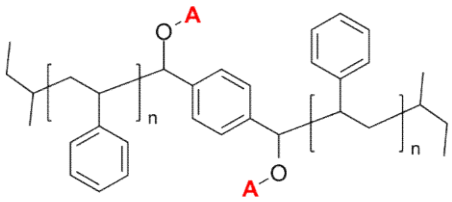


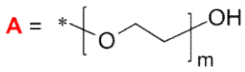


P42925-SEOcomb	Mn x 10^3 : 36 (total)	Mw/Mn : 1.19	mPEG = 0.55 (Kg/mol)	1g
P42916-SEOcomb	Mn x 10^3 : 39 (total)	Mw/Mn : 1.02	mPEG = 0.55 (Kg/mol)	1g
P42938-SEOcomb	Mn x 10^3 : 72.5 (total)	Mw/Mn : 1.04	mPEG = 0.75 (Kg/mol)	1g
P42915-SEOcomb	Mn x 10^3 : 86.5 (total)	Mw/Mn : 1.01	mPEG = 0.55 (Kg/mol)	1g

POLY(STYRENE)-GRAFT-POLY(ETHYLENE OXIDE), GRAFTING ON LINK IN CENTER　グラフトコポリマー

Polymers grafted on Poly(styrene)

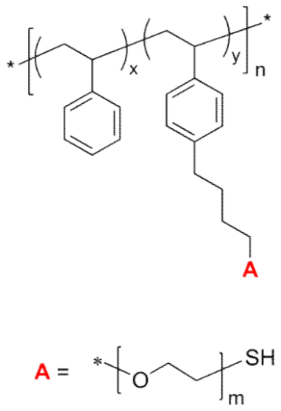




P10092B-SEOcomb	Mn x 10^3 : 5-b-13.5	Mw/Mn : 1.28	1g

POLY(STYRENE)-GRAFT-POLY(ETHYLENE OXIDE), PEO IS THIOL-TERMINATED　グラフトコポリマー

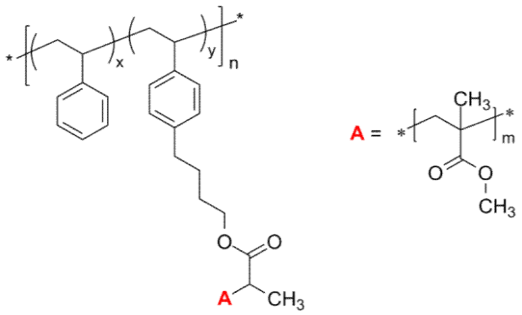
Poly(styrene)-graft-poly(ethylene oxide), grafting on backbone



P41761-SEOSHcomb	Mn x 10^3 : 6-g-5	Mw/Mn : 1.02	PEO: 10 branches	1g

POLY(STYRENE)-GRAFT-POLY(METHYL METHACRYLATE), GRAFTING ON BACKBONE　グラフトコポリマー

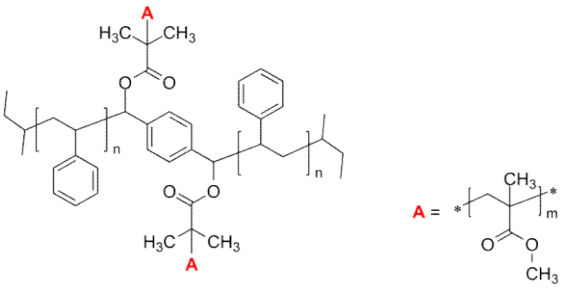
\Polymers grafted on Poly(styrene)



P2880- SMMA comb	Mn x 10^3 : 10-g-2.2	Mw/Mn : 1.25	PMMA = 4 arms	1g

POLY(STYRENE)-GRAFT-POLY(METHYL METHACRYLATE), GRAFTING ON LINK IN CENTER　グラフトコポリマー

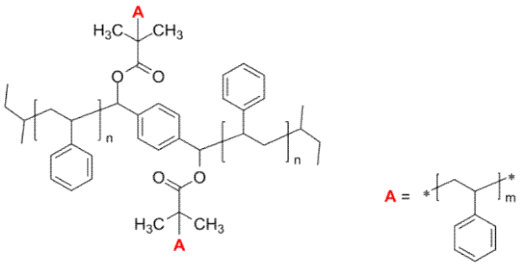
Polymers grafted on Poly(styrene)



P10092E-SMMAcomb	Mn x 10^3 : 5-g-10.0	Mw/Mn : 1.8	Total Mn: 25 kg/mol	0.5g

POLY(STYRENE)-GRAFT-POLY(STYRENE), GRAFTING ON LINK IN CENTER　グラフトコポリマー

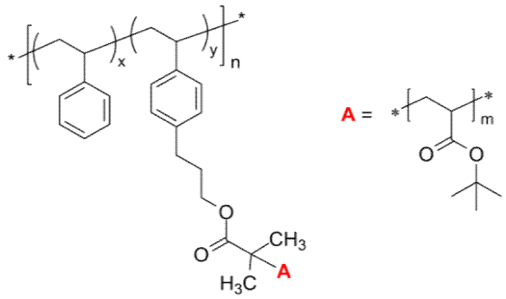
Polymers grafted on Poly(styrene)



P10092F-SScomb	Mn x 10^3 : 5-g-7	Mw/Mn : 2.5	Total Mn: 19 kg/mol	0.5g

POLY(STYRENE)-GRAFT-POLY(T-BUTYL ACRYLATE), GRAFTING ON BACKBONE　グラフトコポリマー

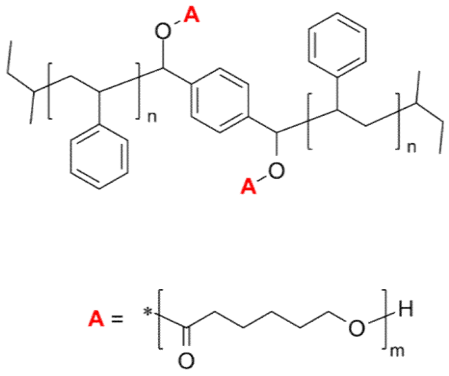
Polymers grafted on Poly(styrene)



Comments:	Comments Column: Number of Branches			
P3524-StBuAcomb	Mn x 10^3 : 1.2-g-2.0	Mw/Mn : 1.77	PtBuA = 4 arms	1g
P3325-StBAcomb	Mn x 10^3 : 1.25-g-8.8	Mw/Mn :	PtBuA = 4 arms	1g
P14640A-StBuAcom	Mn x 10^3 : 16.2-g-1.6	Mw/Mn : 2.03	PtBuA = 12 arms	1g
P14641A-StBuAcom	Mn x 10^3 : 16.2-g-3.9	Mw/Mn : 2.03	PtBuA = 12 arms	1g
P14642A-StBuAcom	Mn x 10^3 : 40.4-g-3.0	Mw/Mn : 6.1	PtBuA = 48 arms	1g
P14643A-StBuAcom	Mn x 10^3 : 40.4-g-3.5	Mw/Mn : 6.1	PtBuA = 48 arms	1g

POLY(STYRENE)-GRAFT-POLY(E-CAPROLACTONE), GRAFTING ON LINK IN CENTER　グラフトコポリマー

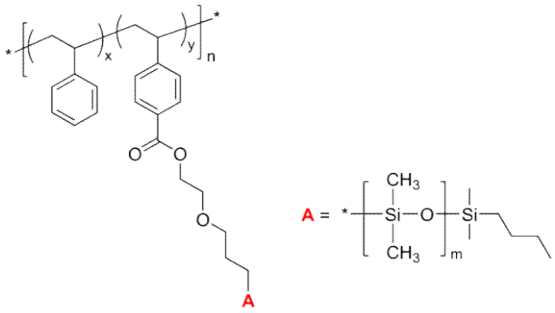
Polymers grafted on Poly(styrene)



P10092A-SCLcomb	Mn x 10^3 : 5-b-13.5	Mw/Mn : 1.8	0.5g

新製品：POLY(STYRENE)-GRAFT-POLY(DIMETHYLSILOXANE), GRAFTING ON BACKBONE

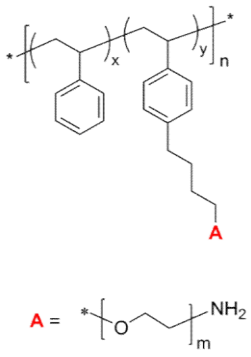
グラフトコポリマー　Polymers grafted on Poly(styrene)



P42482A-SDMScomb	Mn x 10^3 : 22	Mw/Mn : 1.15	PS=66 mol%; Mn(PDMS)=5 kg/mol	0.5g
P42482B-SDMScomb	Mn x 10^3 : 26	Mw/Mn : 1.04	PS=75 mol%; Mn(PDMS)=1 kg/mol	0.5g
P42482-SDMScomb	Mn x 10^3 : 35	Mw/Mn : 1.16	PS=75 mol%; Mn(PDMS)=10 kg/mol	0.5g

POLY(STYRENE)-GRAFT-POLY(ETHYLENE OXIDE), PEO IS AMINO-TERMINATED　グラフトコポリマー

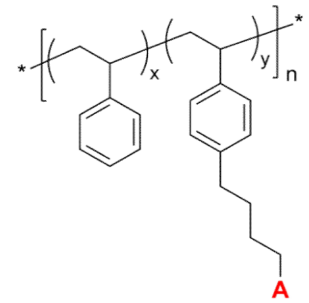
Poly(styrene)-graft-poly(ethylene oxide), grafting on backbone

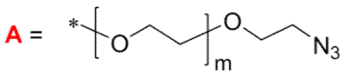


P41762-SEONH2comb	Mn x 10^3 : 6-g-12	Mw/Mn : 1.10	PEO:10 branches	1g

新製品：POLY(STYRENE)–GRAFT–POLY(ETHYLENE OXIDE), PEO IS AZIDE-TERMINATED]　グラフトコポリマー

Polymers grafted on Poly(styrene)

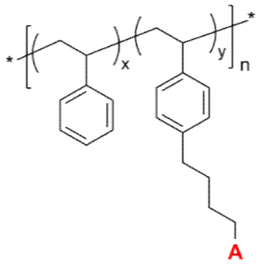


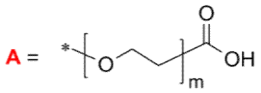


P42932A-SEON3comb	Mn x 10^3 : 6.6-g-0.8; Total: 14.0	Mw/Mn : 1.50	PEO = 10 branches	0.5g

POLY(STYRENE)-GRAFT-POLY(ETHYLENE OXIDE), PEO IS CARBOXY-TERMINATED　グラフトコポリマー

Poly(styrene)-graft-poly(ethylene oxide), grafting on backbone

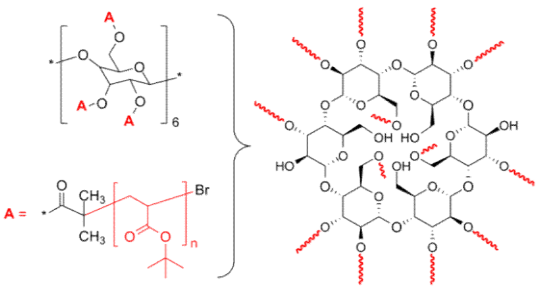




P41753-SEOCOOHcomb	Mn x 10^3 : 6-g-1	Mw/Mn : 1.8	PEO: 10 branches	1g
P41757A-SEOCOOHcomb	Mn x 10^3 : 6-g-1.4	Mw/Mn : 1.16	PEO: 10 branches	1g
P41758A-SEOCOOHcomb	Mn x 10^3 : 6-g-2.8	Mw/Mn : 1.02	PEO: 10 branches	1g
P41759A-SEOCOOHcomb	Mn x 10^3 : 6-g-5	Mw/Mn : 1.02	PEO:10 branches	1g
P41760A-SEOCOOHcomb	Mn x 10^3 : 6-g-12	Mw/Mn : 1.1	PEO: 10 branches	1g

POLY(TERT-BUTYL ACRYLATE), 13-ARM STAR POLYMER / CORE: A-CYCLODEXTRIN　星形ポリマー

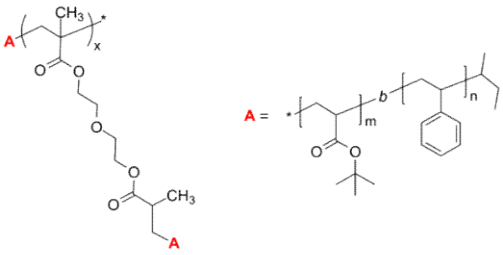
Poly(tert-butyl acrylate), star-shaped



P20137-13tBuA	Mn x 10^3 : 9.5 (arm); 124 (total)	Mw/Mn : 1.25	13-arm PtBuA	1g

POLY(TERT-BUTYL ACRYLATE)-B-POLY(STYRENE), MULTI-ARM BLOCK STAR / CORE: ETHYLENE GLYCOL DIMETHACRYLATE

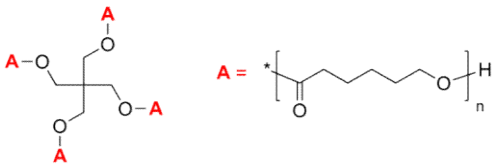
星形ブロックコポリマー　Diblock copolymers, star-shaped



P3831-(StBuA)x	Mn x 10^3 : 7-b-24.0 (S-b-tBuA arm)	Mw/Mn : 1.17	9.5-arm PS-PtBuA; ~15% free diblock	0.5g
P3830-(StBuA)x	Mn x 10^3 : 30-b-90 (S-b-tBuA arm); 901 (total)	Mw/Mn : 1.17	7.5-arm PS-PtBuA; ~15% free diblock	0.5g

POLY(E-CAPROLACTONE), 4-ARM STAR POLYMER / CORE: PENTAERYTHRITOL　星形ポリマー

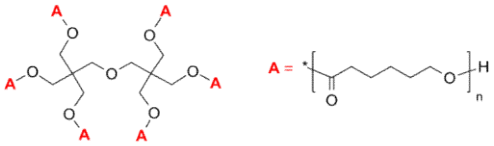
Poly(ε-caprolactone), star-shaped



P10758-4CL	Mn x 10^3 : 0.66 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10757-4CL	Mn x 10^3 : 0.66 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10005A-4CL	Mn x 10^3 : 0.68 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10010-4CL	Mn x 10^3 : 0.77 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10012-4CL	Mn x 10^3 : 0.77 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10765-4CL	Mn x 10^3 : 0.806 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10009-4CL	Mn x 10^3 : 0.83 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10747A-4CL	Mn x 10^3 : 0.84 (total)	Mw/Mn : 1.2	4-arm PCL	1g
P10740-4Cl	Mn x 10^3 : 0.876 (total)	Mw/Mn : 1.38	4-arm PCL	1g
P10740B-4CL	Mn x 10^3 : 0.97 (total)	Mw/Mn : 1.2	4-arm PCL	1g
P10747D-4CL	Mn x 10^3 : 0.976 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10738-4CL	Mn x 10^3 : 0.99 (total)	Mw/Mn : 1.4	4-arm PCL	1g
P10747B-4CL	Mn x 10^3 : 1.036 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10013-4CL	Mn x 10^3 : 1.1 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10011-4CL	Mn x 10^3 : 1.13 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10747C-4CL	Mn x 10^3 : 1.184 (total)	Mw/Mn : 1.3	4-arm PCL	1g
P10740C-4CL	Mn x 10^3 : 1.24 (total)	Mw/Mn : 1.2	4-arm PCL	1g
P10740D-4CL	Mn x 10^3 : 3.13 (total)	Mw/Mn : 1.2	4-arm PCL	1g

POLY(E-CAPROLACTONE), 6-ARM STAR POLYMER / CORE: DIPENTAERYTHRITOL　星形ポリマー

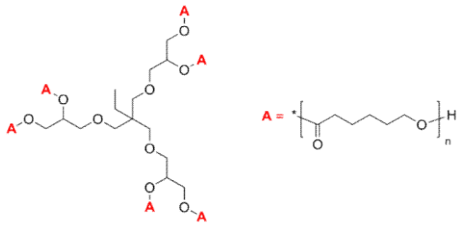
Poly(ε-caprolactone), star-shaped



P10545A-6CL	Mn x 10^3 : 0.94 (total); 0.13 (arm)	Mw/Mn : 1.2	6-arm PCL	1g
P7173-6CL	Mn x 10^3 : 2 (total); 0.3 (arm)	Mw/Mn : 1.2	6-arm PCL	1g

POLY(E-CAPROLACTONE), 6-ARM STAR POLYMER / CORE: TRIMETHYLOLPROPANE ETHOXYLATE

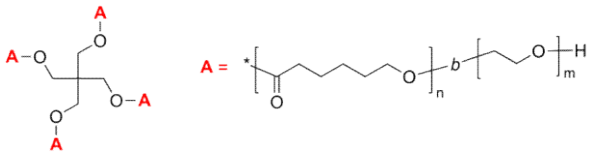
星形ポリマー Poly(ε -caprolactone), star-shaped



P7174-6CL	Mn x 10^3 : 2.4 (total); 0.4 (arm)	Mw/Mn : 1.2	6-arm PCL	1g

POLY(E-CAPROLACTONE)-B-POLY(ETHYLENE OXIDE), 4-ARM BLOCK STAR / CORE: PENTAERYTHRITOL

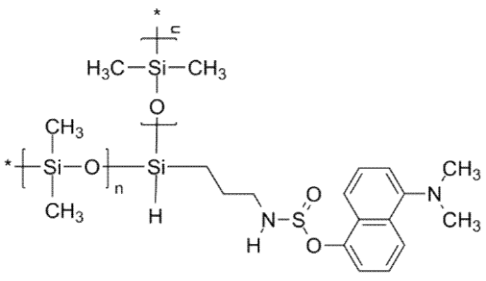
星形ブロックコポリマー Diblock copolymers, star-shaped



P5025-4CLEO	Mn x 10^3 : (4)*-b-2.0	Mw/Mn : 1.12	*degree of polymerization; 4-arm PCL-PEO	0.5g

POLY(DIMETHYLSILOXANE), 2-ARM STAR / CORE: SI, FUNCTIONALIZED WITH DANSYL AMIDE

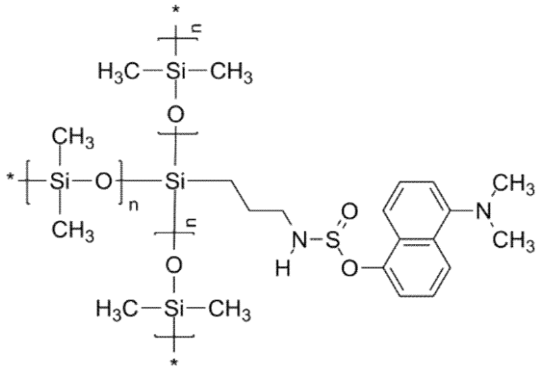
星型ポリマー Poly(dimethyl siloxane), star-shaped



P2123B-DMSDS	Mn x 10^3 : 4.1 (arm)	Mw/Mn : 1.13	1g

POLY(DIMETHYLSILOXANE), 3-ARM STAR / CORE: SI, FUNCTIONALIZED WITH DANSYL AMIDE　星形ポリマー

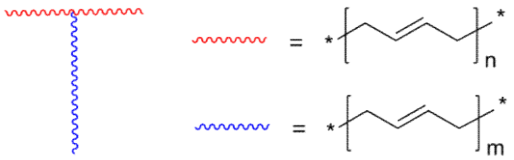
Poly(dimethyl siloxane), star-shaped



P2123A-DMSDS	Mn x 10^3 : 4.1 (arm)	Mw/Mn : 1.13	1g

T-TYPE COPOLYMER: POLY(1,4-BUTADIENE), 3 ARMS　T-type コポリマー

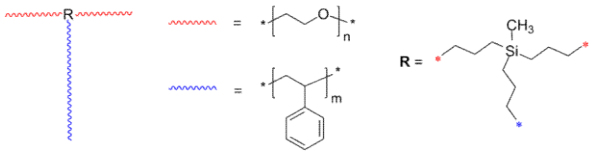
H- and T-shaped polymer



P2645-4	Mn x 10^3 : 124.8 (2 arms), 26 (1 arm);	Mw/Mn : 1.09	0.5g
P2645-5	Mn x 10^3 : 248 (2 arms), 26 (1 arm); 2	Mw/Mn : 1.13	0.5g
P2645-6	Mn x 10^3 : 286 (2 arms), 26 (1 arm); 3	Mw/Mn : 1.19	0.5g

T-TYPE COPOLYMER: POLY(ETHYLENE OXIDE), 2 ARMS / POLY(STYRENE), 1 ARM　T-type コポリマー

H- and T-shaped polymer



P3744-TS(EO)2	Mn x 10^3 : 10-18 (PS-PEO)	Mw/Mn : 1.2	0.5g