

ポリマー総合カタログ

重水素コポリマー試料・重水素機能性コポリマー試料
編

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。

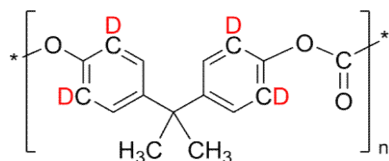
その弊害を解消するため、品代金と海外送料を分けて、ご注文点数に係わらず1回のご注文に付き海外送料1回分といたしました。

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。

DEUTERATED POLY(BISPHENOL A-D4 CARBONATE)

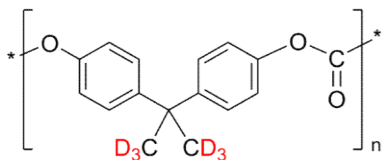
縮合により得られる重水素化ポリマー Deuterated Polymers obtained by Condensation



P1710-d4PC	$M_n \times 10^3$: 26	Mw/Mn: 1.97	1g
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DEUTERATED POLY(BISPHENOL A-D6 CARBONATE)

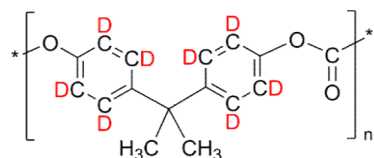
縮合により得られる重水素化ポリマー Deuterated Polymers obtained by Condensation



P2436-d6PC	$M_n \times 10^3$: 4.5	Mw/Mn: 1.7	0.5g
P2648-d6PC	$M_n \times 10^3$: 25.3	Mw/Mn: 1.88	0.5g

DEUTERATED POLY(BISPHENOL A-D8 CARBONATE)

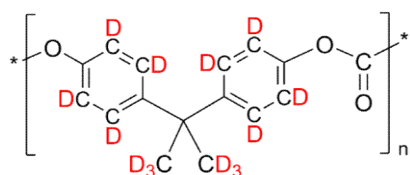
縮合により得られる重水素化ポリマー Deuterated Polymers obtained by Condensation



P2614-d8PC	$M_n \times 10^3$: 21.7	Mw/Mn: 1.9	0.5g
P2611-d8PC	$M_n \times 10^3$: 26.4	Mw/Mn: 1.8	0.5g

DEUTERATED POLY(BISPHENOL A-D14 CARBONATE) 縮合により得られる重水素化ポリマー

Deuterated Polymers obtained by Condensation



P41772D-d14PC	$M_n \times 10^3 : 2$	Mw/Mn : 4.6	0.5g
P41772A-d14PC	$M_n \times 10^3 : 2.5$	Mw/Mn : 1.18	0.5g
P41772C-d14PC	$M_n \times 10^3 : 3.5$	Mw/Mn : 1.8	0.5g
P9205-d14PC	$M_n \times 10^3 : 3.7$	Mw/Mn : 1.5	0.5g
P41772-d14PC	$M_n \times 10^3 : 6$	Mw/Mn : 1.27	0.5g
P9178-d14PC	$M_n \times 10^3 : 7$	Mw/Mn : 2.4	
P41772E-d14PC	$M_n \times 10^3 : 7.5$	Mw/Mn : 1.8	
P41796-d14PC	$M_n \times 10^3 : 9.1$	Mw/Mn : 1.5	0.5g
P41796C-d14PC	$M_n \times 10^3 : 9.5$	Mw/Mn : 1.8	0.5g
P41796B-d14PC	$M_n \times 10^3 : 12$	Mw/Mn : 1.4	0.5g
P41812-d14PC	$M_n \times 10^3 : 15$	Mw/Mn : 1.7	0.5g

新製品 : DEUTERATED POLY(ETHYLENE-D4-CO-BUTYLENE-D8)

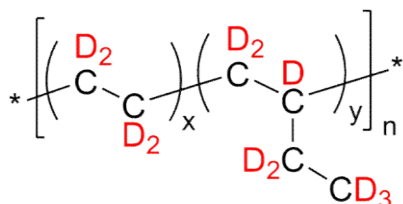
重水素ランダムコポリマー

Deuterated Random copolymer

Amorphous Poly(ethylene-d4), obtained by deuteration of poly(1,4-butadiene-d6).

Content of poly(ethylene-d4-co-butylene-d8): ~ 10-20 %.

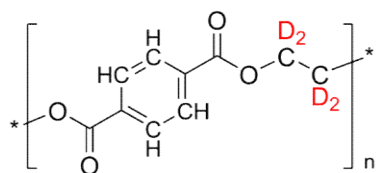
For crystalline product, see category: Deuterated Poly(ethylene-d4)



P42213A-dEB	$M_n \times 10^3 : 109$	Mw/Mn : 1.02	0.5g
P18910A-dEB	$M_n \times 10^3 : 137$	Mw/Mn : 1.06	0.5g
P40895-dPE	$M_n \times 10^3 : 175$	Mw/Mn : 1.2	0.5g
P41793-dPE	$M_n \times 10^3 : 414$	Mw/Mn : 1.28	0.5g

DEUTERATED POLY(ETHYLENE-D4 TEREPHTHALATE) 縮合により得られる重水素化ポリマー

Deuterated Polymers obtained by Condensation



P3416- d4PET

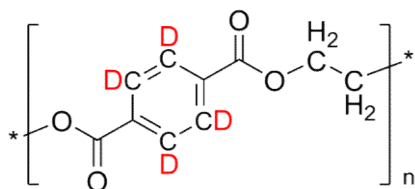
 $M_n \times 10^3 : 72$

Mw/Mn : broad

1g

DEUTERATED POLY(ETHYLENE TEREPHTHALATE-D4) 縮合により得られる重水素化ポリマー

Deuterated Polymers obtained by Condensation



P3440-d4PET

 $M_n \times 10^3 : 40$

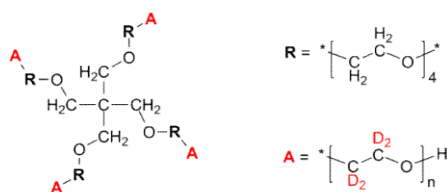
Mw/Mn : broad

1g

POLY(DEUTERATED ETHYLENE OXIDE-D4), STAR POLYMER / CORE: PENTAERYTHRITOL ETHOXYLATE

重水素星形ポリマー

Deuterated Star Polymers and Graft Copolymer



P40737-4dPEO

 $M_n \times 10^3 : 0.9 \text{ (arm); } 4 \text{ (total)}$

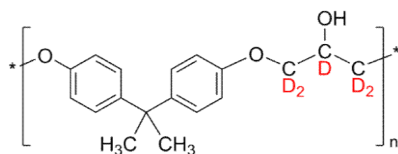
Mw/Mn : 1.15

0.5g

DEUTERATED POLY(HYDROXYETHER), BASED ON (BISPHENOL A)-D5

縮合により得られる重水素化ポリマー

Deuterated Polymers obtained by Condensation



P2567-d5PHE

$M_n \times 10^3$: 33.1

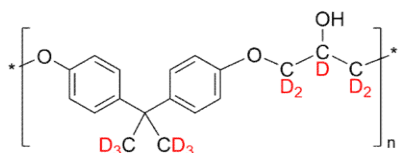
M_w/M_n : 1.87

1g

DEUTERATED POLY(HYDROXYETHER), BASED ON (BISPHENOL A)-D11

縮合により得られる重水素化ポリマー

Deuterated Polymers obtained by Condensation



P2560-d11PHE

$M_n \times 10^3$: 57.4

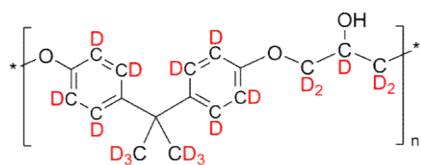
M_w/M_n : 2.75

1g

DEUTERATED POLY(HYDROXYETHER), BASED ON (BISPHENOL A)-D19

縮合により得られる重水素化ポリマー

Deuterated Polymers obtained by Condensation



P2562-d19PHE

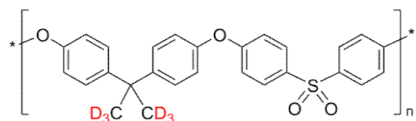
$M_n \times 10^3$: 20.4

M_w/M_n : 1.96

1g

DEUTERATED POLY(SULFONE ETHER-D6)**縮合により得られる重水素化ポリマー**

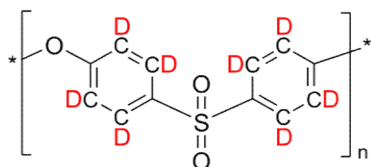
Deuterated Polymers obtained by Condensation



P1765-d6PSFE	$M_n \times 10^3 : 28$	$M_w/M_n : 1.7$	1g
P1757-d6PSFE*	$M_n \times 10^3 : 30$	$M_w/M_n : 2.6$	1g

DEUTERATED POLY(SULFONE ETHER-D8)**縮合により得られる重水素化ポリマー**

Deuterated Polymers obtained by Condensation

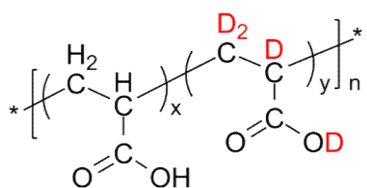


Other names: Deuterated Poly(oxy-1,4-phenylenesulfonyl-1,4-phenylene-d8); Deuterated Poly(1,4-phenylene ether-d8-sulfone).

P3518-d8PSFE	$M_n \times 10^3 : 4$	$M_w/M_n : 1.5$	0.5g
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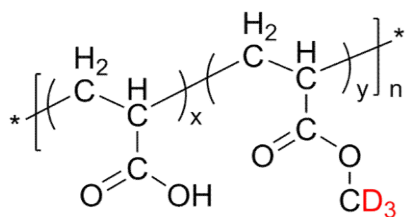
POLY(ACRYLIC ACID-CO-[DEUTERATED ACRYLIC ACID-D4]), RANDOM**重水素ランダムコポリマー**

Deuterated Random copolymer



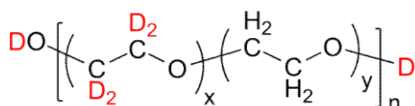
P14374A-AA4AA	$M_n \times 10^3 : 84$	$M_w/M_n : 1.4$	d4AA=20wt%	1g
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新製品 : POLY(ACRYLIC ACID-CO-METHYL-D3 ACRYLATE), RANDOM 重水素ランダムコポリマー



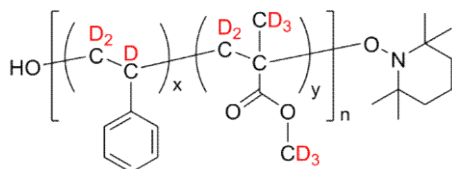
P42718F-AAAd3MAran	Mn x 10 ³ : 11	Mw/Mn : 1.1	AA : MA-d3 = 50 : 50 wt%	1g
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POLY([DEUTERATED ETHYLENE OXIDE-D4]-CO-[ETHYLENE OXIDE]), RANDOM 重水素ランダムコポリマー
Deuterated Random copolymer



P40109-dPEOHPEOran	Mn x 10 ³ : 35	Mw/Mn : 1.2	PEO-d4 : PEO(H) = 52:48	1g
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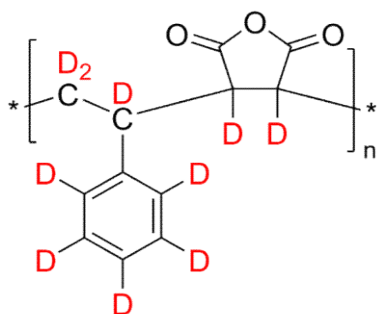
**POLY([DEUTERATED STYRENE-D3]-CO-[DEUTERATED METHYL METHACRYLATE-D8]),
(A-HYDROXY, Ω-TEMPO)-TERMINATED
重水素機能性ランダムコポリマー Deuterated Functionalized Random Copolymer**



P19336-dPSMMAran-OHT	Mn x 10 ³ : 9	Mw/Mn : 1.11		0.5g
P19336A-dPSMMAran-OHT	Mn x 10 ³ : 82	Mw/Mn : 1.13		0.5g

POLY([DEUTERATED STYRENE-D8]-ALT-[DEUTERATED MALEIC ANHYDRIDE-D2]), ALTERNATING

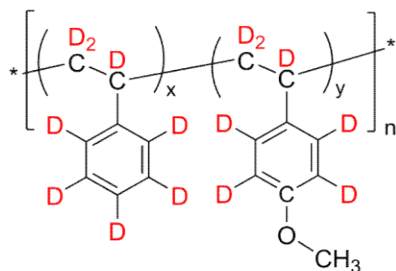
重水素相互コポリマー Deuterated Alternating copolymer



P11251-dPSM-anhydride	$M_n \times 10^3 : 9$	$M_w/M_n : 1.10$	0.5g
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POLY([DEUTERATED STYRENE-D8]-CO-[DEUTERATED 4-METHOXYSTYRENE-D7]), RANDOM

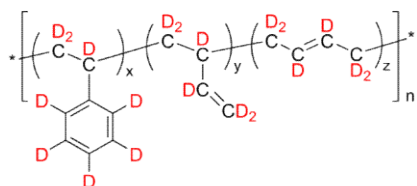
重水素ランダムコポリマー Deuterated Random copolymer



P8187-dPS4MeOSran	$M_n \times 10^3 : 9.5$	$M_w/M_n : 1.1$	10 mol%(4MeOS)	0.5g
P8186-dPS4MeOSran	$M_n \times 10^3 : 77$	$M_w/M_n : 1.15$	5.0 mol%(4MeOS)	0.5g

POLY([DEUTERATED STYRENE-D8]-CO-[DEUTERATED BUTADIENE-D6]), RANDOM

重水素ランダムコポリマー Deuterated Random copolymer

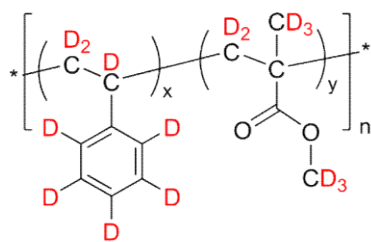


dPBd: 1,2-co-1,4

P40303-dPSdBdran	Mn x 10 ³ : 8	Mw/Mn : 1.3	dPS: 88 wt%	1g
P42768-dPSdBdran	Mn x 10 ³ : 8.5	Mw/Mn : 1.45	dPS: 25 wt%	1g
P42768A-dPSdBdran	Mn x 10 ³ : 8.5	Mw/Mn : 1.3	dPS: 20 wt%	1g
P42762-dPSdBdran	Mn x 10 ³ : 8.5	Mw/Mn : 1.03	dPS: 25 wt%	1g
P19283A-dPSdPBdran	Mn x 10 ³ : 13.5	Mw/Mn : 1.5	dPS: 18 wt%	1g
P18149-dPSdBdran	Mn x 10 ³ : 17.5	Mw/Mn : 1.8	dPS: 86 wt%	1g
P42790A-dPSdBdran	Mn x 10 ³ : 17.5	Mw/Mn : 1.19	dPS: 25 wt%	1g
P19271-dPSdPBdran	Mn x 10 ³ : 19	Mw/Mn : 1.1	dPS:25 wt%	1g
P19273-dPSdPBdran	Mn x 10 ³ : 19.5	Mw/Mn : 1.5	dPS:55 wt%	1g
P19280-dPSdPBdran	Mn x 10 ³ : 20	Mw/Mn : 1.1	dPS:22 wt%	1g
P19282-dPSdPBdran	Mn x 10 ³ : 20.5	Mw/Mn : 1.5	dPS:42 wt%	1g
P42790B-dPSdBdran	Mn x 10 ³ : 21	Mw/Mn : 1.2	dPS:20 wt%	1g
P19283-dPSdPBdran	Mn x 10 ³ : 33	Mw/Mn : 1.2	dPS:18 wt%	1g
P19284-dPSdPBdran	Mn x 10 ³ : 39	Mw/Mn : 1.2	dPS:25 wt%	1g
P41643-dPSdBdran	Mn x 10 ³ : 50	Mw/Mn : 1.14	dPS:25 wt%	1g

POLY([DEUTERATED STYRENE-D8]-CO-[DEUTERATED METHYL METHACRYLATE-D8]), RANDOM

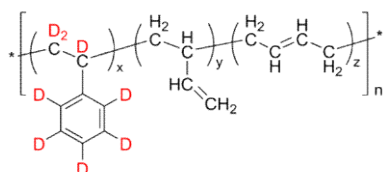
重水素ランダムコポリマー Deuterated Random copolymer



P1510-dPSMMAran	Mn x 10 ³ : 34.5	Mw/Mn : 1.17	dPS : PMMA = 66.7 : 33.3	1g
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POLY([DEUTERATED STYRENE-D8]-CO-BUTADIENE), RANDOM 重水素ランダムコポリマー

Deuterated Random copolymer

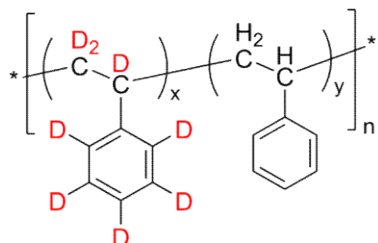


dPBd: 1,2-co-1,4

P18631-dPsBdran	$M_n \times 10^3$: 32.7	Mw/Mn : 1.06	S=25.0wt%	1g
P19274-dPSBdran	$M_n \times 10^3$: 33	Mw/Mn : 1.08	S=25.0wt%	1g
P18629-dPSBdran	$M_n \times 10^3$: 37	Mw/Mn : 1.06	S=25.0wt%	1g

POLY([DEUTERATED STYRENE-D8]-CO-STYRENE), RANDOM 重水素ランダムコポリマー

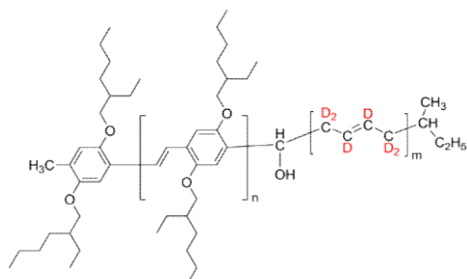
Deuterated Random copolymer



P4163-dSHS	$M_n \times 10^3$: 30	Mw/Mn : 1.03		1g
P14251C-dPSSran	$M_n \times 10^3$: 38	Mw/Mn : 2	dS:S = 90:10	1g
P14251B-dPSSran	$M_n \times 10^3$: 135	Mw/Mn : 1.5	dS:S = 90:10	1g
P14251A-dPSSran	$M_n \times 10^3$: 490	Mw/Mn : 1.35	dS:S = 90:10	1g

POLY(2,5-DI(2'-ETHYLHEXYLOXY)-1,4-PHENYLENEVINYLENE)-B-POLY(DEUTERATED 1,4-BUTADIENE-D6)

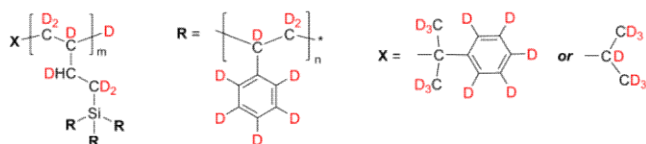
重水素ブロックコポリマー Diblock copolymers composed of 1 deuterated block



p10954A-DEHPPV-dPBd	$M_n \times 10^3$: 3.3-b-4.0	Mw/Mn : 1.5		0.5g
p10954-DEHPPV-dPBd	$M_n \times 10^3$: 4-b-4.0	Mw/Mn : 1.5		0.5g

**POLY(DEUTERATED STYRENE-D8) GRAFTED ON OLIGO(DEUTERATED 1,2-BUTADIENE-D6),
END-GROUPS ARE DEUTERATED**

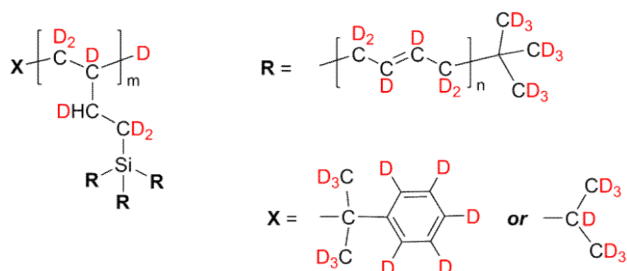
重水素グラフトコポリマー Deuterated Star Polymers and Graft Copolymer



P18829-16dPS	$M_n \times 10^3$: 0.5(arm), 8(total)	Mw/Mn : 1.25	16-arm PS	0.5g
P18553-17dPS	$M_n \times 10^3$: 0.7(arm), 12(total)	Mw/Mn : 1.35	17-arm PS	0.5g
P18529A-18dPS	$M_n \times 10^3$: 0.8(arm), 12.5(total)	Mw/Mn : 1.24	15-arm PS	0.5g
P18529B-12dPS	$M_n \times 10^3$: 0.8(arm), 10(total)	Mw/Mn : 1.14	12-arm PS	0.5g
P18529C-10dPS	$M_n \times 10^3$: 0.8(arm), 8.5(total)	Mw/Mn : 1.13	10-arm PS	0.5g
P18529D-9dPS	$M_n \times 10^3$: 0.8(arm), 9(total)	Mw/Mn : 1.13	9-arm PS	0.5g
P18572-25dPS	$M_n \times 10^3$: 0.8(arm), 20.5(total)	Mw/Mn : 1.34	25-arm PS	0.5g
P18828-18dPS	$M_n \times 10^3$: 0.8(arm), 14.5(total)	Mw/Mn : 1.25	18-arm PS	0.5g
P18835-17dPS	$M_n \times 10^3$: 0.9(arm), 15.5(total)	Mw/Mn : 1.4	17-arm PS	0.5g
P18835A-11dPS	$M_n \times 10^3$: 0.9(arm), 10.3(total)	Mw/Mn : 1.38	11-arm PS	0.5g
P18522A-12dPS	$M_n \times 10^3$: 1.1(arm), 12(total)	Mw/Mn : 1.16	12-arm PS	0.5g
P18522B-15dPS	$M_n \times 10^3$: 1.1(arm), 17(total)	Mw/Mn : 1.27	15-arm PS	0.5g
P18522C-10dPS	$M_n \times 10^3$: 1.1(arm), 11.8(total)	Mw/Mn : 1.10	10-arm PS	0.5g
P18522D-12dPS	$M_n \times 10^3$: 1.1(arm), 13(total)	Mw/Mn : 1.17	12-arm PS	0.5g
P18522E-6dPS	$M_n \times 10^3$: 1.1(arm), 7(total)	Mw/Mn : 1.27	6-arm PS	0.5g
P18865B-9dPS	$M_n \times 10^3$: 1.1(arm), 11(total)	Mw/Mn : 1.24	9-arm PS	0.5g
P18491-32dPS	$M_n \times 10^3$: 1.3(arm), 42(total)	Mw/Mn : 1.1	32-arm PS	0.5g
P18644-44dPS	$M_n \times 10^3$: 1.4(arm), 62(total)	Mw/Mn : 1.09	44-arm PS	0.5g
P18824-10dPS	$M_n \times 10^3$: 1.5(arm), 15.5(total)	Mw/Mn : 1.30	10-arm PS	0.5g
P18514-18dPS	$M_n \times 10^3$: 2.5(arm), 46.5(total)	Mw/Mn : 2	18-arm PS	0.5g
P18515A-6dPS	$M_n \times 10^3$: 2.5(arm), 14.5(total)	Mw/Mn : 1.26	6-arm PS	0.5g
P18515B-7dPS	$M_n \times 10^3$: 2.5(arm), 19(total)	Mw/Mn : 1.29	7-arm PS	0.5g
P18515C-10dPS	$M_n \times 10^3$: 2.5(arm), 25.5(total)	Mw/Mn : 1.38	10-arm PS	0.5g
P18832-11dPS	$M_n \times 10^3$: 3(arm), 33(total)	Mw/Mn : 1.35	11-arm PS	0.5g
P18534A-21dPS	$M_n \times 10^3$: 4.8(arm), 105(total)	Mw/Mn : 1.10	21-arm PS	0.5g
P18534B-18dPS	$M_n \times 10^3$: 4.8(arm), 88(total)	Mw/Mn : 1.10	18-arm PS	0.5g
P18534C-17dPS	$M_n \times 10^3$: 4.8(arm), 84(total)	Mw/Mn : 1.10	17-arm PS	0.5g
P18502F1-3dPS	$M_n \times 10^3$: 28.5(arm), 92(total)	Mw/Mn : 1.45	3-arm PS	0.5g

POLY(DEUTERATED 1,4-BUTADIENE-D6) GRAFTED ON OLIGO(DEUTERATED 1,2-BUTADIENE-D6), END-GROUPS ARE DEUTERATED

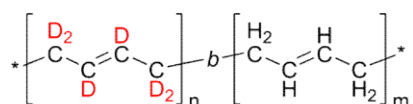
重水素グラフトコポリマー Deuterated Star Polymers and Graft Copolymer



P18537-83dPBd	Mn x 10 ³ : 0.6(arm), 52.5(total)	Mw/Mn : 1.10	83-arm PBd	0.5g
P18554A-23dPBd	Mn x 10 ³ : 0.8(arm), 19(total)	Mw/Mn : 2.0	23-arm PBd	0.5g
P18554B-10dPBd	Mn x 10 ³ : 0.8(arm), 8.2(total)	Mw/Mn : 1.70	10-arm PBd	0.5g
P18554C-17dPBd	Mn x 10 ³ : 0.8(arm), 13.8(total)	Mw/Mn : 1.80	17-arm PBd	0.5g
P18554D-10dPBd	Mn x 10 ³ : 0.8(arm), 8.5(total)	Mw/Mn : 1.80	10-arm PBd	0.5g
P18538-55dPBd	Mn x 10 ³ : 1(arm), 56.5(total)	Mw/Mn : 1.10	55-arm PBd	0.5g
P18535-100dPBd	Mn x 10 ³ : 1.2(arm), 122(total)	Mw/Mn : 1.1	100-arm PBd	0.5g
P18535B-95dPBd	Mn x 10 ³ : 1.2(arm), 114(total)	Mw/Mn : 1.1	95-arm PBd	0.5g
P18568A-24dPBd	Mn x 10 ³ : 1.3(arm), 31.6(total)	Mw/Mn : 1.65	24-arm PBd	0.5g
P18568B-21dPBd	Mn x 10 ³ : 1.3(arm), 27.5(total)	Mw/Mn : 1.65	21-arm PBd	0.5g
P18568C-18dPBd	Mn x 10 ³ : 1.3(arm), 24.5(total)	Mw/Mn : 1.15	18-arm PBd	0.5g

POLY(DEUTERATED 1,4-BUTADIENE-D6)-B-POLY(1,4-BUTADIENE) 重水素ブロックコポリマー

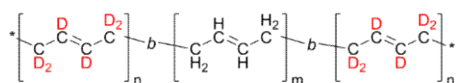
Diblock copolymers composed of 1 deuterated block



P3535-dBdHBd	Mn x 10 ³ : 5.5-b-100	Mw/Mn : 1.14	1g
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POLY(DEUTERATED 1,4-BUTADIENE-D6)-B-POLY(1,4-BUTADIENE)-B-POLY(DEUTERATED 1,4-BUTADIENE-D6)

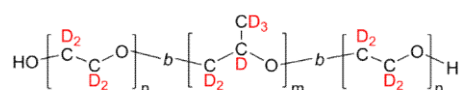
重水素トリブロックコポリマー Triblock copolymers ABA-type, composed of 2 deuterated blocks (A)



P3536-dBdHBddBd	Mn x 10 ³ : 4.8-b-88.0-b-5.5	Mw/Mn : 1.03	1g
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POLY(DEUTERATED ETHYLENE OXIDE-D4)-B-POLY(DEUTERATED PROPYLENE OXIDE-D6)-B-POLY(DEUTERATED ETHYLENE OXIDE-D4)

重水素トリブロックコポリマー Triblock copolymers ABA-type, composed of 3 deuterated blocks (A and B)

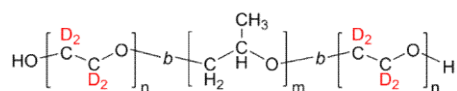


P11058-dPEOdPPOdPEO	Mn x 10 ³ : 0.45-b-1.8-b-0.45	Mw/Mn : 1.22	1g
P18094-dPEOdPPOdPEO	Mn x 10 ³ : 0.5-b-2.1-b-0.5	Mw/Mn : 1.18	1g
P1930-dPEOdPPOdPEO	Mn x 10 ³ : 3.6-b-2.0-b-3.6	Mw/Mn : 1.08	1g
P1927-dPEOdPPOdPEO	Mn x 10 ³ : 5.6-b-2.0-b-5.0	Mw/Mn : 1.07	1g

POLY(DEUTERATED ETHYLENE OXIDE-D4)-B-POLY(PROPYLENE OXIDE)-B-

POLY(DEUTERATED ETHYLENE OXIDE-D4)

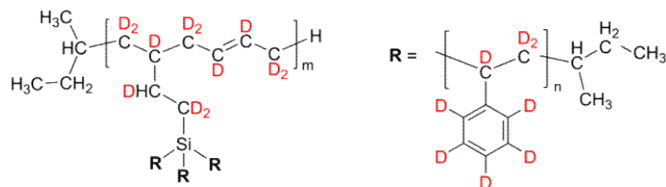
重水素トリブロックコポリマー Triblock copolymers ABA-type, composed of 2 deuterated blocks (A)



P4126-dEOPPOdEO	Mn x 10 ³ : 3.2-b-2.0-b-3.2	Mw/Mn : 1.1	1g
P19308-dPEOdPPOdPEO	Mn x 10 ³ : 3.4-b-1.7-b-3.4	Mw/Mn : 1.06	1g

**POLY(DEUTERATED STYRENE-D8) GRAFTED ON OLIGO(DEUTERATED 1,2-BUTADIENE-D6),
END-GROUPS ARE HYDROGEN-CONTAINING**

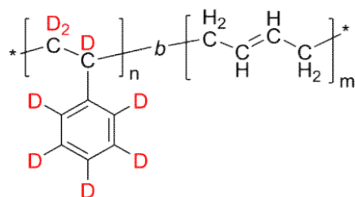
重水素グラフトコポリマー Deuterated Star Polymers and Graft Copolymer



P18452-12S-d8	$M_n \times 10^3$: 1.2 (arm), 14.5 (total)	Mw/Mn : 1.06	12-arm PS	1g
P18452A-12S-d8	$M_n \times 10^3$: 1.2 (arm), 13 (total)	Mw/Mn : 1.12	12-arm PS	1g
P18453-12S-d8	$M_n \times 10^3$: 1.6 (arm), 19.5 (total)	Mw/Mn : 1.1	12-arm PS	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(1,4-BUTADIENE) 重水素ブロックコポリマー

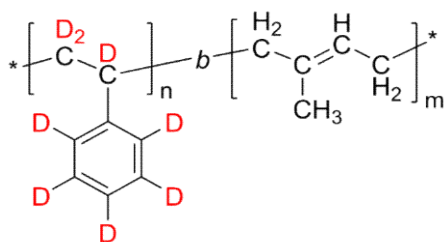
Diblock copolymers composed of 1 deuterated block



P1624-dPSBd	$M_n \times 10^3$: 39-b-11.0	Mw/Mn : 1.04		1g
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POLY(DEUTERATED STYRENE-D8)-B-POLY(1,4-ISOPRENE) 重水素ブロックコポリマー

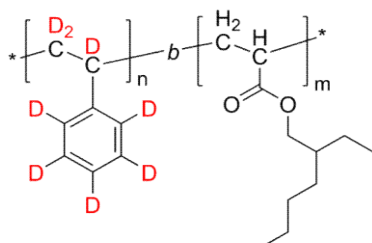
Diblock copolymers composed of 1 deuterated block



P3031-dPSIp	$M_n \times 10^3$: 3-b-3.0	Mw/Mn : 1.06	1g
P1576-dPSIp	$M_n \times 10^3$: 5-b-19.0	Mw/Mn : 1.03	1g
P1575-dPSIp	$M_n \times 10^3$: 8.3-b-8.1	Mw/Mn : 1.03	1g
P716-dPSIp	$M_n \times 10^3$: 11.5-b-47.4	Mw/Mn : 1.06	1g
P1577-dPSIp	$M_n \times 10^3$: 19-b-5.8	Mw/Mn : 1.03	1g
P4160-dPSIp	$M_n \times 10^3$: 35-b-36.0	Mw/Mn : 1.06	1g
P6224-dPSIP	$M_n \times 10^3$: 45-b-60.0	Mw/Mn : 1.05	1g
P4256-dPSIp	$M_n \times 10^3$: 52-b-53.0	Mw/Mn : 1.05	1g
P4162-dPSIp	$M_n \times 10^3$: 70-b-67.0	Mw/Mn : 1.06	1g
P6375A-dPSIp	$M_n \times 10^3$: 78-b-110	Mw/Mn : 1.15	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(2-ETHYLHEXYL ACRYLATE) 重水素ブロックコポリマー

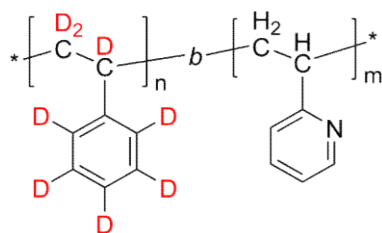
Diblock copolymers composed of 1 deuterated block



P9749A-dPSEtHA	$M_n \times 10^3$: 5.5-b-5.7	Mw/Mn : 1.09	1g
P9445A-dPSEtHA	$M_n \times 10^3$: 10-b-10.0	Mw/Mn : 1.15	1g
P9457-dPSEtHA	$M_n \times 10^3$: 10.5-b-11.5	Mw/Mn : 1.06	1g
P9747-dPSEtHA	$M_n \times 10^3$: 11-b-2.0	Mw/Mn : 1.13	1g
P9447-dPSEtHA	$M_n \times 10^3$: 11-b-12.0	Mw/Mn : 1.09	1g
P9446A-dPSEtHA	$M_n \times 10^3$: 15-b-13.0	Mw/Mn : 1.15	1g
P9446B-dPSEtHA	$M_n \times 10^3$: 15-b-16.0	Mw/Mn : 1.15	1g
P8185-dPSEtHA	$M_n \times 10^3$: 31-b-30.5	Mw/Mn : 1.09	1g
P8177-dPSEtHA	$M_n \times 10^3$: 72-b-47.0	Mw/Mn : 1.16	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(2-VINYL PYRIDINE) 重水素ブロックコポリマー

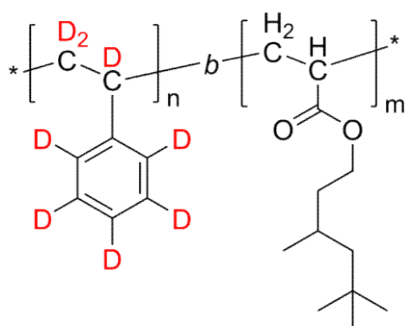
Diblock copolymers composed of 1 deuterated block



P11064-PdS2VP	$M_n \times 10^3$: 41.5-b-25	Mw/Mn : 1.1	1g
P19306A-PdS2VP	$M_n \times 10^3$: 44-b-17	Mw/Mn : 1.06	1g
P19306-PdS2VP	$M_n \times 10^3$: 44-b-26.5	Mw/Mn : 1.12	1g
P19300B-PdS2VP	$M_n \times 10^3$: 48-b-45.5	Mw/Mn : 1.14	1g
P19300-PdS2VP	$M_n \times 10^3$: 48-b-50.0	Mw/Mn : 1.11	1g
P11063A-PdS2VP	$M_n \times 10^3$: 59.5-b-36	Mw/Mn : 1.1	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(3,5,5-TRIMETHYLHEXYL ACRYLATE) 重水素ブロックコポリマー

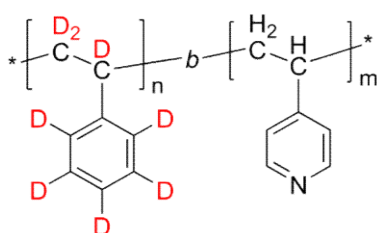
Diblock copolymers composed of 1 deuterated block



P5997A-dPSTMHA	$M_n \times 10^3$: 30-b-25.0	Mw/Mn : 1.18	1g
P5992A-dPSTMHA	$M_n \times 10^3$: 30-b-31.5	Mw/Mn : 1.15	1g
P6762-dPSTMHA	$M_n \times 10^3$: 32-b-35.0	Mw/Mn : 1.18	1g
P5984A-dPSTMHA	$M_n \times 10^3$: 90-b-90.0	Mw/Mn : 1.09	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(4-VINYL PYRIDINE) 重水素ブロックコポリマー

Diblock copolymers composed of 1 deuterated block

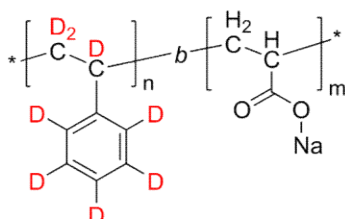


P40500-dPS4VP	$M_n \times 10^3$: 8-b-8	Mw/Mn : 1.04	0.5g
P40502-dPS4VP	$M_n \times 10^3$: 11.5-b-11.3	Mw/Mn : 1.04	0.5g
P40648-dPS4VP	$M_n \times 10^3$: 15-b-7	Mw/Mn : 1.03	0.5g
P40499-dPS4VP	$M_n \times 10^3$: 16-b-13	Mw/Mn : 1.15	0.5g
P40469-dPS4VP	$M_n \times 10^3$: 19.5-b-5.5	Mw/Mn : 1.08	0.5g
P10340-dPS4VP	$M_n \times 10^3$: 40-b-15.0	Mw/Mn : 1.15	0.5g
P10339-dPS4VP	$M_n \times 10^3$: 65-b-19.0	Mw/Mn : 1.18	0.5g

POLY(DEUTERATED STYRENE-D8)-B-POLY(ACRYLIC ACID SODIUM SALT) 重水素ブロックコポリマー

Synonym: Poly(styrene-d8)-b-poly(sodium acrylate)

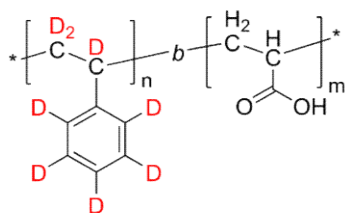
Diblock copolymers composed of 1 deuterated block



P922-dPSANa	$M_n \times 10^3$: 5.3-b-31.6	Mw/Mn : 1.07	1g
P1253-dPSANa	$M_n \times 10^3$: 5.5-b-20.9	Mw/Mn : 1.13	1g
P898-dPSANa	$M_n \times 10^3$: 5.5-b-54	Mw/Mn :	1g
P924-dPSANa	$M_n \times 10^3$: 9-b-34.0	Mw/Mn : 1.07	1g
P896-dPSANa	$M_n \times 10^3$: 12.3-b-30.0	Mw/Mn : 1.08	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(ACRYLIC ACID) 重水素ブロックコポリマー

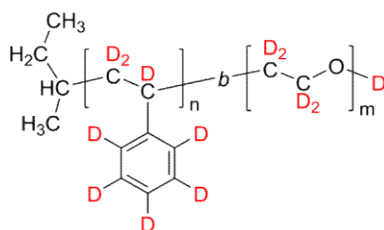
Diblock copolymers composed of 1 deuterated block



P1252-dPSAA	$M_n \times 10^3$: 3.5-b-10.8	Mw/Mn : 1.12	1g
P1253P-dPSAA	$M_n \times 10^3$: 5.5-b-16.0	Mw/Mn : 1.13	1g
P898-dPSAA	$M_n \times 10^3$: 5.5-b-43.5	Mw/Mn :	1g
P924-dPSAA	$M_n \times 10^3$: 9-b-26.0	Mw/Mn : 1.07	1g
P9446A-dPSAA	$M_n \times 10^3$: 15-b-5.0	Mw/Mn : 1.15	1g
P6761-dPSAA	$M_n \times 10^3$: 45-b-42.0	Mw/Mn : 1.09	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(DEUTERATED ETHYLENE OXIDE-D4) 重水素ブロックコポリマー

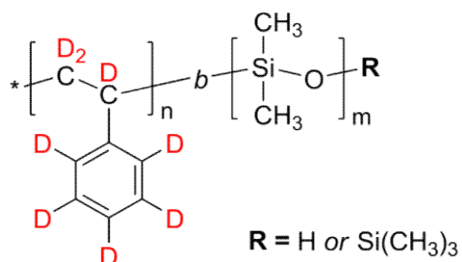
Diblock copolymers composed of 2 deuterated blocks



P10718A-dPSdPEO	$M_n \times 10^3$: 4.7-b-18.5	Mw/Mn : 1.08	1g
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POLY(DEUTERATED STYRENE-D8)-B-POLY(DIMETHYL SILOXANE) 重水素ブロックコポリマー

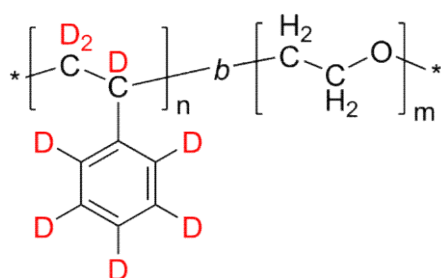
Diblock copolymers composed of 1 deuterated block



P6192-dSDMS	$M_n \times 10^3$: 40.4-b-15.8	Mw/Mn : 1.1	1g
P6193-dSDMS	$M_n \times 10^3$: 79-b-18.6	Mw/Mn : 1.08	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(ETHYLENE OXIDE) 重水素ブロックコポリマー

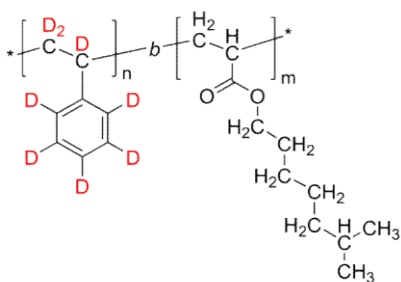
Diblock copolymers composed of 1 deuterated block



P8786-dPSEO	$M_n \times 10^3$: 6.5-b-12.0	Mw/Mn : 1.05	1g
P18187A-dPSEO	$M_n \times 10^3$: 6.8-b-14.0	Mw/Mn : 1.15	1g
P8050-dPSEO	$M_n \times 10^3$: 9-b-8	Mw/Mn : 1.6	1g
P18189A-dPSEO	$M_n \times 10^3$: 9.5-b-14.5	Mw/Mn : 1.25	1g
P18189-dPSEO	$M_n \times 10^3$: 9.5-b-18.5	Mw/Mn : 1.14	1g
P8054-dPSEO	$M_n \times 10^3$: 16-b-5.0	Mw/Mn : 1.08	1g
P8045-dPSEO	$M_n \times 10^3$: 16-b-6.5	Mw/Mn : 1.08	1g
P1949-dPSEO	$M_n \times 10^3$: 31-b-90.0	Mw/Mn : 1.15	1g
P8051-dPSEO	$M_n \times 10^3$: 50-b-25.0	Mw/Mn : 1.25	1g
P19196-dPSEO	$M_n \times 10^3$: 54.5-b-45.0	Mw/Mn : 1.08	1g
P2828-dPSEO	$M_n \times 10^3$: 75-b-135	Mw/Mn : 1.15	1g
P19195-dPSEO	$M_n \times 10^3$: 82-b-45.0	Mw/Mn : 1.12	1g
P8793C-dPSEO	$M_n \times 10^3$: 106-b-26.0	Mw/Mn : 1.1	1g
P8793B-dPSEO	$M_n \times 10^3$: 106-b-30.0	Mw/Mn : 1.15	1g
P8793A-dPSEO	$M_n \times 10^3$: 106-b-35.0	Mw/Mn : 1.15	1g
P19197-dPSEO	$M_n \times 10^3$: 125.5-b-68.0	Mw/Mn : 1.16	1g
P2796-dPSEO	$M_n \times 10^3$: 155-b-9.0	Mw/Mn : 1.08	1g
P2775-dPSEO	$M_n \times 10^3$: 189-b-2.0	Mw/Mn : 1.05	1g
P2780-dPSEO	$M_n \times 10^3$: 189-b-2.0	Mw/Mn : 1.06	1g
P2825-dPSEO	$M_n \times 10^3$: 335-b-395	Mw/Mn : 1.1	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(ISO-OCTYL ACRYLATE) 重水素ブロックコポリマー

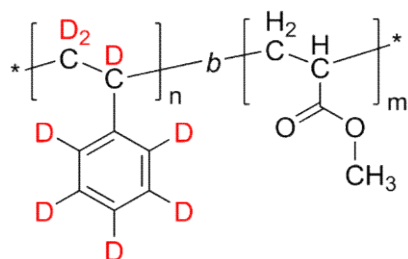
Diblock copolymers composed of 1 deuterated block



P9749B-dPSisoOctA	$M_n \times 10^3$: 5.5-b-5.7	Mw/Mn : 1.09	0.5g
P9445B-dPSisoOctA	$M_n \times 10^3$: 10-b-10	Mw/Mn : 1.15	0.5g
P9457-dPSisoOctA	$M_n \times 10^3$: 10.5-b-11.5	Mw/Mn : 1.06	0.5g
P9448-dPSisoOctA	$M_n \times 10^3$: 11-b-12.0	Mw/Mn : 1.09	0.5g
P9308-dPSisoOctA	$M_n \times 10^3$: 27-b-13.0	Mw/Mn : 1.13	0.5g
P9295-dPSisoOctA	$M_n \times 10^3$: 30-b-29.0	Mw/Mn : 1.19	0.5g

POLY(DEUTERATED STYRENE-D8)-B-POLY(METHYL ACRYLATE) 重水素ブロックコポリマー

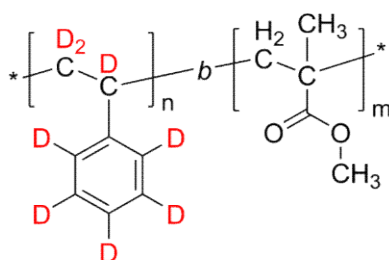
Diblock copolymers composed of 1 deuterated block



P18274A-dPSMA	$M_n \times 10^3$: 11-b-7.5	Mw/Mn : 1.05	1g
P18284A-dPSMA	$M_n \times 10^3$: 19-b-19.5	Mw/Mn : 1.06	1g
P18275-dPSMA	$M_n \times 10^3$: 19.5-b-13	Mw/Mn : 1.05	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(METHYL METHACRYLATE) 重水素ブロックコポリマー

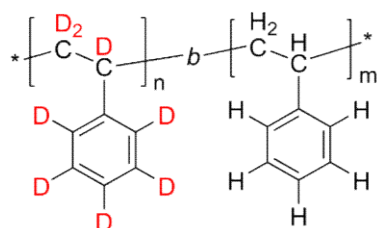
Diblock copolymers composed of 1 deuterated block



P41264-dPSMMA	$M_n \times 10^3$: 4-b-10.5	Mw/Mn : 1.05	1g
P19238-dPSMMA	$M_n \times 10^3$: 4.5-b-9.0	Mw/Mn : 1.45	1g
P19238B-dPSMMA	$M_n \times 10^3$: 4.5-b-47.0	Mw/Mn : 1.5	1g
P19238A-dPSMMA	$M_n \times 10^3$: 4.5-b-114.0	Mw/Mn : 1.4	1g
P1730-dPSMMA	$M_n \times 10^3$: 11-b-8.5	Mw/Mn : 1.08	1g
P1726-dPSMMA	$M_n \times 10^3$: 12-b-8.0	Mw/Mn : 1.07	1g
P40177-dPSMMA	$M_n \times 10^3$: 13-b-10	Mw/Mn : 1.05	1g
P1727-dPSMMA	$M_n \times 10^3$: 14-b-8.0	Mw/Mn : 1.07	1g
P1728-dPSMMA	$M_n \times 10^3$: 15-b-11.0	Mw/Mn : 1.1	1g
P40176-dPSMMA	$M_n \times 10^3$: 18-b-17.5	Mw/Mn : 1.07	1g
P1715-dPSMMA	$M_n \times 10^3$: 29.5-b-32.5	Mw/Mn : 1.09	1g
P1069-dPSMMA	$M_n \times 10^3$: 37-b-46	Mw/Mn : 1.05	1g
P19151-dPSMMA	$M_n \times 10^3$: 37-b-48.0	Mw/Mn : 1.07	1g
P1070-dPSMMA	$M_n \times 10^3$: 39.9-b-52.1	Mw/Mn : 1.06	1g
P19132-dPSMMA	$M_n \times 10^3$: 46-b-34.0	Mw/Mn : 1.12	1g
P19133-dPSMMA	$M_n \times 10^3$: 47-b-50.0	Mw/Mn : 1.12	1g
P19127A-dPSMMA	$M_n \times 10^3$: 50.5-b-3.0	Mw/Mn : 1.1	1g
P19127-dPSMMA	$M_n \times 10^3$: 50.5-b-10.0	Mw/Mn : 1.1	1g
P8792-dPSMMA	$M_n \times 10^3$: 68-b-36	Mw/Mn : 1.1	1g
P374-dPSMMA	$M_n \times 10^3$: 104.7-b-4.4	Mw/Mn : 1.05	1g
P10594-dPSMMA	$M_n \times 10^3$: 110-b-112	Mw/Mn : 1.1	1g
P10593-dPSMMA	$M_n \times 10^3$: 130-b-128	Mw/Mn : 1.16	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(STYRENE) 重水素ブロックポリマー

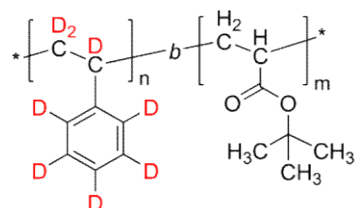
Diblock copolymers composed of 1 deuterated block



P3593A-dPSS	$M_n \times 10^3$: 15-b-1.2	Mw/Mn : 2.7	1g
P4158B-dPSS	$M_n \times 10^3$: 30-b-16	Mw/Mn : 1.5	1g
P2004-dPSS	$M_n \times 10^3$: 90-b-110	Mw/Mn : 1.19	1g
P2003-dPSS	$M_n \times 10^3$: 100-b-165	Mw/Mn : 1.16	1g
P2005-dPSS	$M_n \times 10^3$: 120-b-145	Mw/Mn : 1.14	1g
P4158A-dPSS	$M_n \times 10^3$: 210-b-16	Mw/Mn : 1.10	1g
P2007-dPSS	$M_n \times 10^3$: 233-b-265	Mw/Mn : 1.2	1g
P1987-dPSS	$M_n \times 10^3$: 1,000-b-121	Mw/Mn : 1.35	1g

POLY(DEUTERATED STYRENE-D8)-B-POLY(TERT-BUTYL ACRYLATE) 重水素ブロックポリマー

Diblock copolymers composed of 1 deuterated block

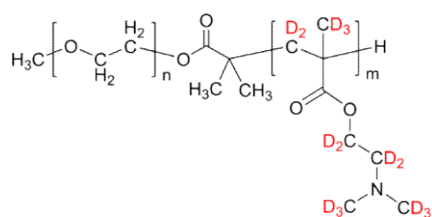


P1250-dPStBuA	$M_n \times 10^3$: 4-b-23.0	Mw/Mn : 1.09	1g
P1251-dPStBuA	$M_n \times 10^3$: 4.5-b-21.5	Mw/Mn : 1.09	1g
P922-dPStBuA	$M_n \times 10^3$: 5.3-b-43.0	Mw/Mn : 1.07	1g
P9749-dPStBuA	$M_n \times 10^3$: 5.5-b-4.0	Mw/Mn : 1.12	1g
P1253-dPStBuA	$M_n \times 10^3$: 5.5-b-28.5	Mw/Mn : 1.13	1g
P895-dPStBuA	$M_n \times 10^3$: 5.5-b-73.3	Mw/Mn : 1.17	1g
P1248-dPStBuA	$M_n \times 10^3$: 6.9-b-26.7	Mw/Mn : 1.07	1g
P923-dPStBuA	$M_n \times 10^3$: 9-b-46.3	Mw/Mn : 1.07	1g
P18274-dPStBuA	$M_n \times 10^3$: 11-b-11.5	Mw/Mn : 1.05	1g
P920-dPStBuA	$M_n \times 10^3$: 11.2-b-42.9	Mw/Mn : 1.08	1g
P894-dPStBuA	$M_n \times 10^3$: 12.3-b-40.5	Mw/Mn : 1.08	1g
P18280B-dPStBuA	$M_n \times 10^3$: 13.5-b-15	Mw/Mn : 1.06	1g
P18280A-dPStBuA	$M_n \times 10^3$: 14-b-13.5	Mw/Mn : 1.11	1g
P9446-dPStBuA	$M_n \times 10^3$: 15-b-9.0	Mw/Mn : 1.15	1g
P8175-dPStBuA	$M_n \times 10^3$: 27-b-9.0	Mw/Mn : 1.07	1g
P8179-dPStBuA	$M_n \times 10^3$: 29-b-19	Mw/Mn : 1.09	1g
P5997-dPStBuA	$M_n \times 10^3$: 30-b-14.0	Mw/Mn : 1.18	1g
P8182-dPStBuA	$M_n \times 10^3$: 31-b-22.0	Mw/Mn : 1.09	1g
P8173-dPStBuA	$M_n \times 10^3$: 35-b-35.0	Mw/Mn : 1.5	1g
P5993-dPStBuA	$M_n \times 10^3$: 52-b-20.0	Mw/Mn : 1.2	1g

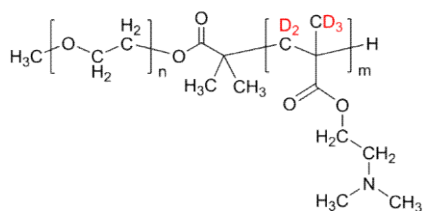
Poly(deuterated styrene-d8)-b-poly(tert-butyl acrylate)次ページに続く

前ページからの続きPoly(deuterated styrene-d8)-b-poly(tert-butyl acrylate)

P5988-dPStBuA	Mn x 10 ³ : 63-b-35.0	Mw/Mn : 1.18	1g
P8176-dPStBuA	Mn x 10 ³ : 72-b-30.0	Mw/Mn : 1.1	1g
P8181-dPStBuA	Mn x 10 ³ : 72-b-40.0	Mw/Mn : 1.1	1g
P5987-dPStBuA	Mn x 10 ³ : 78-b-40.0	Mw/Mn : 1.25	1g
P5984-dPStBuA	Mn x 10 ³ : 90-b-58	Mw/Mn : 1.09	1g
P8180-dPStBuA	Mn x 10 ³ : 106-b-38	Mw/Mn : 1.1	1g

POLY(ETHYLENE OXIDE)-B-POLY(DEUTERATED 2-DIMETHYLAMINOETHYL METHACRYLATE-D15)**重水素ブロックコポリマー** Diblock copolymers composed of 1 deuterated block

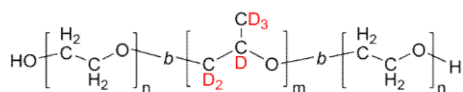
P19347A-EOd(15)DMAEMA	Mn x 10 ³ : 9-b-4.5	Mw/Mn : 1.19	0.5g
P19365-EOd(15)DMAEMA	Mn x 10 ³ : 9-b-6.5	Mw/Mn : 1.19	0.5g
P19347-EO d (15) DMAEMA	Mn x 10 ³ : 9-b-7.0	Mw/Mn : 1.19	0.5g

POLY(ETHYLENE OXIDE)-B-POLY(DEUTERATED 2-DIMETHYLAMINOETHYL METHACRYLATE-D5)**重水素ブロックコポリマー** Diblock copolymers composed of 1 deuterated block

P19353-EOd(5)DMAEMA	Mn x 10 ³ : 9-b-0.9	Mw/Mn : 1.1	0.5g
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POLY(ETHYLENE OXIDE)-B-POLY(DEUTERATED PROPYLENE OXIDE-D6)-B-POLY(ETHYLENE OXIDE)

重水素トリブロックポリマー Triblock copolymers ABA-type, composed of 1 deuterated block (B)



P3749-PEOdPPOPEO

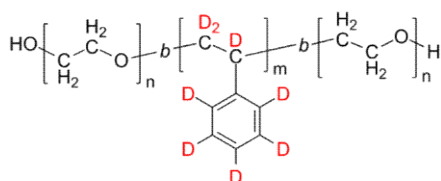
 $M_n \times 10^3$: 3.1-b-2.0-b-3.1

Mw/Mn : 1.08

1g

POLY(ETHYLENE OXIDE)-B-POLY(DEUTERATED STYRENE-D8)-B-POLY(ETHYLENE OXIDE)

重水素トリブロックポリマー Triblock copolymers ABA-type, composed of 1 deuterated block (B)



P9064-EOdPSEO

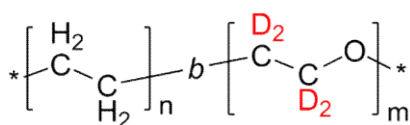
 $M_n \times 10^3$: 3.2-b-17.0-b-3.2

Mw/Mn : 1.15

1g

POLY(ETHYLENE)-B-POLY(DEUTERATED ETHYLENE OXIDE-D4) 重水素ブロックポリマー

Diblock copolymers composed of 1 deuterated block



P4322-PEdPEO

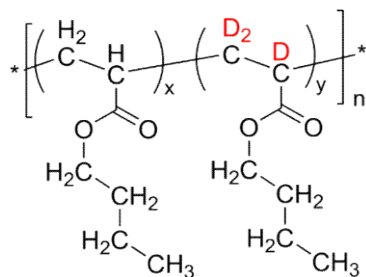
 $M_n \times 10^3$: 1.1-b-1.1

Mw/Mn : 1.06

1g

POLY(N-BUTYLACRYLATE-CO-[DEUTERATED N-BUTYLACRYLATE-D3]), RANDOM**重水素ランダムコポリマー**

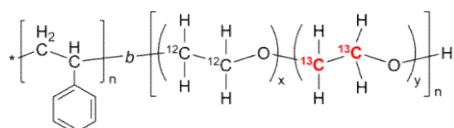
Deuterated Random copolymer



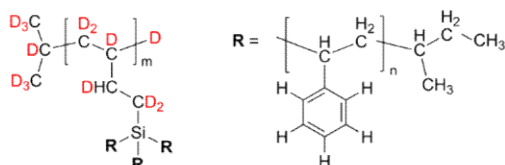
P10642A-d3nBuAnBuA	$M_n \times 10^3$: 350	Mw/Mn : 1.8	20% nBuA-d4	1g
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POLY(STYRENE)-B-POLY([ETHYLENE OXIDE]-CO-[13C-LABELLED ETHYLENE OXIDE])

Carbon-13 Labelled Polymer



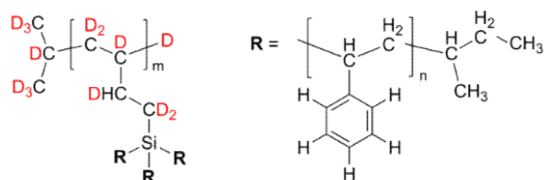
P4821A-SEO13C	$M_n \times 10^3$: 40-40.0	Mw/Mn : 1.1	x:y = 9:1	0.5g
P4821B-SEO13C	$M_n \times 10^3$: 40-42.0	Mw/Mn : 1.1		0.5g

POLY(STYRENE) GRAFTED ON OLIGO(DEUTERATED 1,2-BUTADIENE-D4),**PS ARMS ARE HYDROGEN-CONTAINING****重水素グラフトコポリマー** Deuterated Star Polymers and Graft Copolymer

P18826-20S	$M_n \times 10^3$: 0.8 (arm), 16 (total)	Mw/Mn : 1.25	20-arm PS	0.5g
P18560-68S	$M_n \times 10^3$: 1 (arm), 68.5 (total)	Mw/Mn : 1.17	68-arm PS	0.5g
P18562-33S	$M_n \times 10^3$: 1.2 (arm), 40 (total)	Mw/Mn : 1.17	33-arm PS	0.5g
P18827-17S	$M_n \times 10^3$: 1.2 (arm), 20.5 (total)	Mw/Mn : 12.35	17-arm PS	0.5g
P18827B-14S	$M_n \times 10^3$: 1.2 (arm), 16.8 (total)	Mw/Mn : 1.14	24-arm PS	0.5g

**POLY(STYRENE) GRAFTED ON OLIGO(DEUTERATED 1,2-BUTADIENE-D4),
PS ARMS ARE HYDROGEN-CONTAINING**

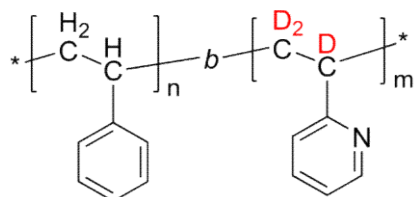
重水素グラフトコポリマー Deuterated Star Polymers and Graft Copolymer



P18826-20S	Mn x 10 ³ : 0.8 (arm), 16 (total)	Mw/Mn : 1.25	20-arm PS	0.5g
P18560-68S	Mn x 10 ³ : 1 (arm), 68.5 (total)	Mw/Mn : 1.17	68-arm PS	0.5g
P18562-33S	Mn x 10 ³ : 1.2 (arm), 40 (total)	Mw/Mn : 1.17	33-arm PS	0.5g
P18827-17S	Mn x 10 ³ : 1.2 (arm), 20.5 (total)	Mw/Mn : 1.35	17-arm PS	0.5g
P18827B-14S	Mn x 10 ³ : 1.2 (arm), 16.8 (total)	Mw/Mn : 1.14	14-arm PS	0.5g

POLY(STYRENE)-B-POLY(DEUTERATED 2-VINYL PYRIDINE-D3) 重水素ブロックコポリマー

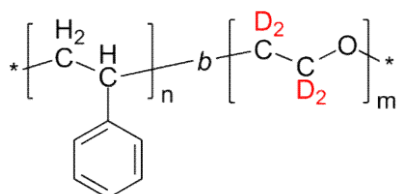
Diblock copolymers composed of 1 deuterated block



P2960-Sd32VP	Mn x 10 ³ : 54-b-5.0	Mw/Mn : 1.08	1g
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POLY(STYRENE)-B-POLY(DEUTERATED ETHYLENE OXIDE-D4) 重水素ブロックコポリマー

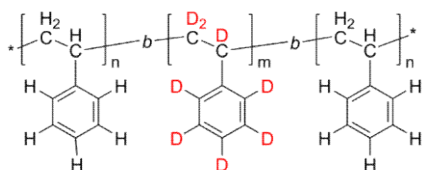
Diblock copolymers composed of 1 deuterated block



P3815-SdEO	Mn x 10 ³ : 106-b-22.0	Mw/Mn : 1.12	1g
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POLY(STYRENE)-B-POLY(DEUTERATED STYRENE-D8)-B-POLY(STYRENE) 重水素トリブロックコポリマー

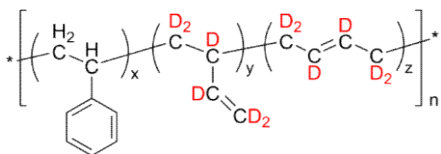
Triblock copolymers ABA-type, composed of 1 deuterated block (B)



P6137-SdPSS	$M_n \times 10^3$: 1.2-b-17.0-b-1.1	Mw/Mn : 1.06	1g
P6136-SdPSS	$M_n \times 10^3$: 2.6-b-32.5-b-2.6	Mw/Mn : 1.07	1g
P4157-SdPSS	$M_n \times 10^3$: 3-b-400-b-10.0	Mw/Mn : 1.5	1g
P4159-SdPSS	$M_n \times 10^3$: 8-b-56.0-b-5.0	Mw/Mn : 1.07	1g
P4161-SdPSS	$M_n \times 10^3$: 10-b-145-b-10.0	Mw/Mn : 1.1	1g
P4158-SdPSS	$M_n \times 10^3$: 16-b-210-b-16.0	Mw/Mn : 1.15	1g

POLY(STYRENE-CO-[DEUTERATED BUTADIENE-D6]), RANDOM 重水素ランダムコポリマー

Deuterated Random copolymer



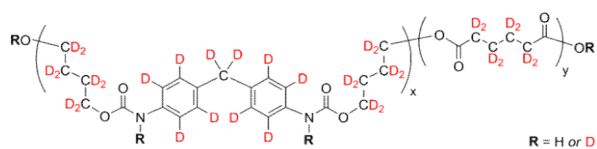
P18634-PsdBd	$M_n \times 10^3$: 43	Mw/Mn : 1.2	S = 25 wt%	1g
P18630-PSdBd	$M_n \times 10^3$: 50.5	Mw/Mn : 1.23	S = 25 wt%	1g

POLYURETHANE (COMPLETELY DEUTERATED): DMDI-DADA-DBDL 縮合により得られる重水素化ポリマー

dMDI is for deuterated poly(4,4'-methylenebis[phenyl isocyanate]); dADA is for deuterated poly(adipic acid);

dbDL is for deuterated poly(1,4-butanediol).

Deuterated Polymers obtained by Condensation

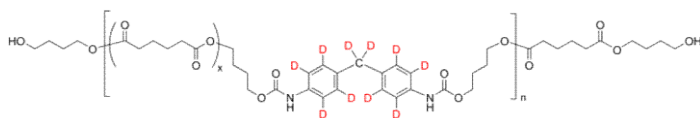


P19389-dPU	Mn x 10 ³ : 46	Mw/Mn : 1.5	0.5g
P19432-dPU	Mn x 10 ³ : 138	Mw/Mn : 2.5	0.5g

POLYURETHANE (PARTIALLY DEUTERATED): DMDI-ADA-BDL 縮合により得られる重水素化ポリマー

dMDI is for deuterated poly(4,4'-methylenebis[phenyl isocyanate]); ADA is for poly(adipic acid); BDL is for poly(1,4-butanediol).

Deuterated Polymers obtained by Condensation



P19278-PU	Mn x 10 ³ : 7.5	Mw/Mn : 1.7	MDI deuterated/ 1:1.3	0.5g
P19396-PU	Mn x 10 ³ : 51	Mw/Mn : 2.6	MDI deuterated	0.5g