

American Polymer Standards Corporation



Polystyrene

Low Mw, Narrow MWD Polystyrene

Catalog #	Mp	Mw	Mn	IV*
PS162	162	162	162	0.0177
PS200	208	208	208	0.0150
PS260	260	265	250	0.0183
PS266	266	255	240	0.0185
PS400	370	402	341	0.0219
PS416	416	416	416	0.0225
PS500	510	517	504	0.0255
PS600	578	615	517	0.0265
PS800	765	826	726	0.0280
PS900	845	910	783	0.0340
PS1000	940	1,013	871	0.0333
PS1100	1,080	1,200	1,040	0.0352
PS1200	1,220	1,330	1,150	0.0364
PS1500	1,470	1,490	1,350	0.0385
PS1700	1,670	1,680	1,550	0.0398
PS1900	1,925	1,940	1,690	0.0435

PS2000	2,400	2,500	2,300	0.0450
PS2500	2,560	2,630	2,500	0.0474
PS3600	3,600	3,650	3,350	0.0560
PS4000	4,300	4,520	3,900	0.0590
PS5400	5,450	5,480	5,200	0.0680

Above each is: 250mg

PSLOWKIT: 250mg of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.428; K = 0.0017)

Medium Mw, Narrow MWD Polystyrene

Catalog #	Mp	Mw	Mn	IV*
PS6000	6,100	6,550	5,770	0.073
PS7600	7,600	7,820	7,400	0.076
PS10000	9,400	9,500	9,300	0.089
PS14000	14,000	14,800	13,300	0.119
PS18000	18,000	18,100	17,900	0.127
PS20600	20,600	20,800	18,900	0.151
PS24200	24,200	25,100	23,000	0.170
PS30800	30,800	35,100	30,500	0.202
PS36000	36,000	37,400	35,800	0.224
PS44000	44,100	43,700	38,300	0.242
PS46500	46,500	47,500	46,300	0.265
PS49000	49,000	53,500	47,500	0.286
PS62000	62,100	67,300	60,700	0.335
PS78300	78,300	79,000	68,000	0.372
PS97500	97,500	95,400	83,600	0.448
PS99200	99,200	105,200	95,000	0.465

Above each is: 250mg

PSMEDKIT: 250mg of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.712; K = 0.000128)

High Mw, Narrow MWD Polystyrene

Catalog #	Mp	Mw	Mn	IV*
PS110K	108,000	111,300	101,900	0.488
PS115K	115,000	122,000	108,000	0.490
PS123K	123,000	125,000	118,000	0.550
PS140K	139,700	141,300	127,200	0.575
PS160K	155,400	160,900	144,600	0.635

PS170K	170,000	171,000	164,000	0.681
PS186K	186,000	189,800	177,300	0.745
PS215K	207,300	215,700	190,800	0.760
PS280K	282,400	295,900	266,700	1.006
PS350K	358,400	389,300	357,100	1.223
PS400K	400,000	410,000	395,000	1.260
PS535K	534,400	566,200	492,900	1.483
PS570K	570,000	580,000	520,000	1.500
PS645K	646,600	671,400	587,900	1.762
PS690K	690,000	706,000	672,000	1.895
PS940K	940,000	950,000	925,000	2.300
PS1000K	1,000,000	1,010,000	808,000	2.390
PS1350K	1,350,000	1,355,000	1,165,000	2.807
PS1390K	1,390,000	1,460,000	1,295,000	3.040

Above each is: 250mg

PSHIKIT: 250mg of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.712; K = 0.000128)

Ultra High Mw, Narrow MWD Polystyrene

Catalog #	Mp	Mw	Mn	IV*
PS2000K	1,900,000	1,970,000	1,790,000	3.870
PS2200K	2,200,000	1,830,000	1,340,000	3.780
PS3000K	2,750,000	2,860,000	2,624,000	4.900
PS5000K	4,200,000	4,480,000	3,930,000	6.650
PS6000K	5,100,000	5,480,000	4,765,000	7.650
PS7000K	6,300,000	6,770,000	5,940,000	8.878
PS8000K	7,800,000	8,420,000	7,200,000	10.335
PS12000K	11,600,000	12,650,000	10,630,000	14.584
PS20000K	18,000,000	20,000,000	16,700,000	18.250

Each: 250mg

PSUHKIT: 250mg of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.712; K = 0.000128)

Broad Mw Polystyrene

Catalog #	Mw	Mn	Mz	IV*
PSBR800K	790,000	500,000	1,100,000	1.925
PSBR655K	654,700	278,100	1,172,000	1.515
PSBR560K	560,000	285,000	965,000	1.463
PSBR450K	445,000	175,000	777,800	1.243

PSBR350K	350,250	152,000	647,200	1.075
PSBR300K	300,000	125,000	525,000	0.960
PSBR285K	285,000	115,000	575,000	0.955
PSBR250K	250,000	100,000	430,000	0.843
PSBR235K	235,000	95,000	415,000	0.783
PSBR215K	215,000	64,100	380,000	0.747
PSBR170K	171,500	80,000	290,000	0.620
PSBR120K	118,500	40,000	265,000	0.427
PSBR50K	48,000	22,500	78,000	0.261
PSBR35K	33,000	14,500	52,000	0.189
PSBR15K	14,900	6,000	25,500	0.112
PSBR1K	1,100	600	1600	0.035
PSBR300	345	285	415	-----

Above each is : 1.0g

PSBRKIT: 250mg of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C

Bimodal Polystyrene

Catalog #	Mp1	Mp2	IV*
PS1500/3K	1,450	2,900	0.044
PS3K/6K	2,500	5,000	0.053
PS4K/8K	4,250	8,500	0.070
PS8K/16K	8,500	17,000	0.095
PS15K/30K	15,000	30,000	0.137
PS20K/40K	21,000	42,000	0.192
PS30K/60K	32,000	64,000	0.245
PS55K/110K	56,000	112,000	0.372
PS90K/180K	90,000	180,000	0.460
PS115K/230K	115,000	230,000	0.638
PS130K/260K	138,000	276,000	0.733
PS145K/290K	146,000	292,000	1.042
PS325K/650K	326,000	652,000	1.628
PS700K/1400K	731,500	1,463,000	2.507
PS1000K/2000K	1,000,000	2,000,000	3.654

Above each is : 250mg

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C

Brominated Polystyrene
(% Br = 66.3; % Cl = .092)

Catalog #	Mw	Mn	Mz	IV*
BRPS650K	646,000	300,000	1,300,000	0.284
BRPS35K	34,500	19,000	51,500	0.037

Above each is : 1.0g

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C

American Polymer Standards Corporation

Polymethyl Methacrylate

Low Mw, Narrow MWD Polymethyl Methacrylate

Catalog #	Mp	Mw	Mn	IV*
PMMA700	700	820	590	0.013
PMMA850	860	1,050	755	0.016
PMMA2K	2,000	2,050	1,890	0.045
PMMA3K	2,825	2,950	2,525	0.049
PMMA5K	4,900	5,100	4,600	0.052
PMMA7K	7,500	7,630	6,450	0.066
PMMA11K	11,800	12,000	10,600	0.076
PMMA21K	20,850	20,300	17,000	0.122
PMMA35K	35,000	35,300	34,000	0.140
PMMA45K	46,300	45,300	40,700	0.198
PMMA50K	51,000	51,800	49,900	0.202
PMMA70K	72,000	73,000	71,250	0.268
PMMA85K	87,800	85,450	74,300	0.309
PMMA90K	90,000	90,400	88,500	0.346

Above each is : 250mg

PMMALOWKIT: 250mg of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.69; K = 0.000128)

Medium & High Mw, Narrow MWD Polymethyl Methacrylate

Catalog #	Mp	Mw	Mn	IV*
PMMA122K	122,500	123,000	120,000	0.426
PMMA195K	195,000	195,600	190,100	0.516
PMMA255K	240,000	255,000	221,700	0.699
PMMA310K	300,000	315,000	295,000	0.780
PMMA320K	322,000	340,000	297,000	0.814
PMMA370K	360,000	370,800	355,000	0.875
PMMA410K	385,000	410,400	360,000	0.923
PMMA500K	480,300	508,000	450,000	1.080
PMMA615K	600,000	620,000	595,500	1.255
PMMA680K	670,000	758,000	635,000	1.350
PMMA870K	845,000	885,000	805,000	1.590
PMMA1000K	1,100,000	1,000,000	930,000	1.736
PMMA2100K	2,100,000	2,200,000	1,700,000	2.950

Above each is : 250mg

PMMAMHKIT: 250mg of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.69; K = 0.000128)

Broad Mw Polymethyl Methacrylate

Catalog #	Mw	Mn	IV*
PMMA6000K	6,100,000	2,285,000	6.123
PMMA4400K	4,450,000	2,230,000	4.491
PMMA1400K	1,425,000	500,000	1.765
PMMA600K	570,000	265,000	1.162
PMMA510K	513,000	203,000	1.054
PMMA400K	415,000	201,000	0.920
PMMA200K	227,000	110,000	0.619
PMMA150K	157,200	83,700	0.409
PMMA120K	122,000	67,500	0.360
PMMA100K	91,000	52,000	0.307
PMMA76K	75,580	48,000	0.269
PMMA65K	65,150	43,150	0.242
PMMA36K	35,300	21,000	0.158
PMMA17K	17,600	9,650	0.087

Above each is : 1.0g

PMMABRKIT: 1.0g of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.69; K = 0.000128)

American Polymer Standards Corporation

Polybutadiene

Narrow MWD Polybutadiene

Catalog #	Mp	Mw	Mn	IV*
PBU700K	675,000	705,000	536,800	5.200
PBU420K	350,000	423,000	286,000	3.410
PBU375K	355,000	375,800	313,600	3.220
PBU345K	345,000	345,600	311,200	3.000
PBU275K	275,000	322,000	226,000	3.051
PBU170K	170,000	173,600	160,000	1.922
PBU150K	147,400	205,000	138,000	1.919
PBU80K	80,000	89,100	72,200	1.120
PBU60K	60,500	60,700	55,000	0.913
PBU43K	43,000	45,000	41,100	0.775
PBU23K	23,600	24,700	22,600	0.451
PBU5.1K	5,100	5,000	4,850	0.155
PBU5K	4,800	5,300	4,200	0.177
PBU3K	2,900	3,000	2,760	0.107
PBU1K	1,000	1,050	980	0.053
PBU900	875	925	835	0.043
PBU500	500	500	425	0.029

Above each is : 250mg

PBUKIT: 250mg of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.715; K = 0.000350)

Note: IV values are available for PBU standards in Toluene & Chloroform.

Toluene: (a = 0.714; K = 0.000364)

Chloroform: (a = 0.712; K = 0.000428)

Broad MWD Polybutadiene

Catalog #	Mw	Mn	Mz
PBU330K	330,000	93,000	800,000
PBU240K	240,000	110,000	430,000
PBU230K	230,000	80,000	515,000
PBU5000	5,000	4,800	5,300
PBU3800	3,850	3,200	4,475
PBU1700	1,725	1,200	2,250

Above each is : 1.0g

American Polymer Standards Corporation

Poly(Iso-Butylene)

Low Mw Poly (Iso-Butylene)

Catalog #	Mp	Mw	Mn
PIB114	114	114	114
PIB226	226	226	226
PIB300	297	315	289
PIB320	320	341	314
PIB345	343	365	334
PIB400	460	475	435
PIB500	497	546	503
PIB565	587	624	562
PIB665	664	669	601
PIB720	720	900	675
PIB780	783	745	665
PIB840	840	776	675
PIB890	898	1,028	827
PIB960	960	950	833
PIB990	989	1,057	948
PIB1200	1,236	1,213	1,122
PIB1300	1,309	1,319	1,237
PIB1450	1,454	1,362	1,440

Above each is : 250mg

LPIBKIT: 250mg of each standard

a & K values for Mw 1,000 & Above
(a = 0.661; K = 0.000197)

Medium Mw Poly(Iso-Butylene)

Catalog #	Mp	Mw	Mn
PIB6000	6,000	6700	5,400
PIB7600	7,600	8,100	6,700
PIB8100	8,100	10,000	5,400
PIB9000	9,000	9,900	7,500
PIB10000	10,100	10,800	8,700

PIB14K	14,500	15,700	12,000
PIB21K	21,400	20,900	13,900
PIB33K	32,200	33,800	30,000
PIB37K	37,600	47,400	34,200
PIB51K	51,300	63,700	43,500
PIB79K	79,500	92,300	65,500
PIB85K	87,600	87,000	72,100

Above each is : 250mg

MPIBKIT: 250mg of each standard

High Mw Poly(Iso-Butylene)

Catalog #	Mp	Mw	Mn
PIB90K	90,200	107,000	72,300
PIB95K	95,400	102,300	76,500
PIB100K	100,200	117,100	78,100
PIB108K	105,000	131,900	82,900
PIB115K	112,300	126,300	88,500
PIB135K	133,000	140,000	117,000
PIB150K	147,700	177,900	118,200
PIB168K	168,400	204,700	130,200
PIB205K	205,000	256,600	164,000
PIB256K	256,500	286,000	218,800
PIB266K	266,000	293,800	240,800
PIB367K	367,500	412,000	303,500
PIB400K	398,800	476,300	301,100

Above each is: 250mg

HPIBKIT: 250mg of each standard

Ultra High Mw Poly(Iso-Butylene)

Catalog #	Mp	Mw	Mn
PIB570K	570,000	721,900	410,200
PIB820K	820,000	912,000	645,000
PIB925K	923,500	1,165,000	710,600
PIB959K	959,500	1,155,000	653,500
PIB1000K	1,020,000	1,110,000	710,600
PIB1265K	1,265,000	1,330,000	860,500
PIB1334K	1,334,000	1,565,000	971,200
PIB1430K	1,430,000	1,600,000	1,235,000
PIB1500K	1,500,000	1,580,000	950,000
PIB2000K	2,000,000	2,170,000	1,685,000
PIB2100K	2,100,000	2,350,000	1,403,000
PIB2300K	2,308,000	2,574,000	1,540,000

PIB2438K	2,438,000	2,700,000	1,318,000
PIB2600K	2,600,000	2,990,000	2,050,000

Above each is : 250mg

UHPIBKIT: 250mg of each standard

Broad MWD Poly(Iso-Butylene)

Catalog #	Mw	Mn	Mz	IV*
PIB1400K	1,736,000	992,000	2,810,000	2.354
PIB1300K	1,309,000	485,400	2,850,000	2.785
PIB105K	105,000	59,200	196,000	0.495
PIB80K	79,800	30,000	162,700	0.365
PIB75K	76,200	21,900	181,700	0.353
PIB10K	9,700	2,500	20,700	0.099
PIB6K	7,200	2,050	12,800	0.085
PIB3K	2,750	1,300	4,800	0.061
PIB1K	1,600	950	3,600	0.043

Above each is : 1.0g

PIBKIT: 1.0g of each standard

American Polymer Standards Corporation

Polycarbonate

Branched

Catalog #	Mw	Mn	IV*
PC38K	38,500	10,900	0.620
PC35K	35,500	12,000	0.577
PC33K	33,000	21,000	0.598
PC32K	32,200	9,600	0.531
PC28K	27,600	9,800	0.495
PC25K	25,600	9,100	0.476
PC24K	24,200	8,800	0.433
PC20K	20,200	12,200	0.322
PC19K	18,800	6,700	0.369
PC13K	13,100	6,100	0.302
PC5K	4,200	1,400	0.122

Above each is: 1.0g

PCKIT: 1.0g of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.875; K = 0.0000673)

American Polymer Standards Corporation

Polyvinyl Acetate

Broad MWD

Catalog #	Mw	Mn	IV*
PVAC275K	275,000	65,700	0.780
PVAC234K	234,000	74,000	0.748
PVAC195K	195,000	52,100	0.621
PVAC189K	189,000	50,000	0.616
PVAC134K	134,100	38,400	0.496
PVAC124K	124,100	40,300	0.460
PVAC45K	45,000	18,700	0.251
PVAC17K	17,000	7,500	0.135

Above each is: 1.0g

PVACKIT: 1.0g of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.63; K = 0.00035)

American Polymer Standards Corporation

Polyvinyl Chloride

Broad MWD

Catalog #	Mw	Mn	IV*
PVCL155K	155,000	67,300	1.403
PVCL140K	139,700	60,700	1.290
PVCL120K	118,800	51,600	1.111
PVCL105K	105,000	43,600	1.012
PVCL90K	89,500	37,500	0.975
PVCL70K	70,000	30,100	0.778
PVCL60K	58,800	33,300	0.713
PVCL55K	55,400	22,300	0.611
PVCL40K	44,000	24,100	0.575

Above each is : 1.0g

PVCLKIT: 1.0g of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.77; K = 0.00015)

American Polymer Standards Corporation

Poly(Vinyl Butyral)

Broad MWD

Catalog #	Mw	Mn	IV*
PVB170K	167,000	44,300	1.564
PVB160K	158,500	39,300	1.334
PVB130K	128,400	38,500	1.248
PVB90K	92,300	23,700	1.036
PVB65K	66,500	18,800	0.750

Above each is : 1.0g

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C

American Polymer Standards Corporation

Polydimethylsiloxane

Low Mw Polydimethylsiloxane

Catalog #	Mp	Mw	Mn	IV*
LPDS162	162	162	162	0.002
LPDS237	237	237	237	0.003
LPDS490	490	510	360	0.005
LPDS1K	1,680	1,850	1,532	0.020
LPDS4K	4,100	4,950	3,800	0.031
LPDS5K	5,400	6,400	4,300	0.033
LPDS6K	5,800	6,200	4,750	0.035
LPDS7K	7,000	8,300	6,400	0.046
LPDS8K	8,200	9,600	7,300	0.050
LPDS11K	12,000	12,500	11,250	0.068
LPDS15K	15,000	16,500	14,500	0.082
LPDS18K	17,700	19,350	17,200	0.093
LPDS20K	19,600	21,500	19,400	0.088
LPDS23K	23,300	24,800	22,200	0.111
LPDS26K	26,500	28,000	25,400	0.123
LPDS28K	28,800	31,300	25,600	0.121
LPDS30K	30,500	35,000	29,000	0.135
LPDS35K	34,100	35,400	32,700	0.147

Above each is : 500mg

LPDSKIT: 500mg of each standard

IV* - Intrinsic Viscosity (dL/g) in Toluene at 30°C
(a = 0.731; K = 0.0000624)

Medium Mw Polydimethylsiloxane

Catalog #	Mp	Mw	Mn	IV*
MPDS40K	39,400	41,600	38,700	0.166
MPDS42K	42,700	47,100	38,400	0.156
MPDS45K	45,700	47,250	44,000	0.182
MPDS50K	51,200	51,400	48,000	0.194
MPDS54K	54,000	59,400	49,100	0.190
MPDS55K	57,000	59,500	54,600	0.213

MPDS60K	62,000	70,200	54,700	0.214
MPDS65K	64,800	65,300	60,000	0.228
MPDS70K	71,000	77,200	65,400	0.220
MPDS75K	75,700	93,400	61,400	0.242
MPDS80K	81,900	90,100	80,600	0.263
MPDS90K	90,300	103,800	84,000	0.272
MPDS94K	93,750	110,000	93,550	0.302
MPDS96K	95,800	108,500	94,550	0.299
MPDS102K	102,000	115,500	90,200	0.286
MPDS115K	115,100	128,900	101,900	0.339
MPDS120K	121,500	147,800	110,900	0.325

Listed Above each is: 500mg

MPDSKIT: 500mg of each standard

IV* - Intrinsic Viscosity (dL/g) in Toluene at 30°C
(a = 0.731; K = 0.0000624)

High Mw Polydimethylsiloxane

Catalog #	Mp	Mw	Mn	IV*
HPDS130K	131,300	147,800	116,700	0.369
HPDS133K	133,300	155,900	113,900	0.372
HPDS156K	156,900	176,100	139,800	0.417
HPDS167K	166,900	183,600	151,800	0.463
HPDS177K	177,800	213,800	163,700	0.429
HPDS194K	194,300	232,400	151,900	0.485
HPDS213K	213,000	235,000	173,000	0.491
HPDS220K	219,400	242,200	194,500	0.500
HPDS230K	229,100	254,700	209,400	0.517
HPDS240K	241,700	269,700	216,600	0.498
HPDS255K	254,600	278,700	218,800	0.558
HPDS265K	265,000	289,500	230,000	0.575
HPDS291K	291,000	359,700	226,000	0.616
HPDS345K	345,000	454,200	348,500	0.675
HPDS355K	355,500	408,200	313,600	0.713
HPDS385K	384,500	438,500	352,300	0.777
HPDS610K	610,000	873,300	425,900	1.550
HPDS840K	840,000	1,000,000	752,000	1.845

Listed Above each is : 500mg

HPDSKIT: 500mg of each standard

IV* - Intrinsic Viscosity (dL/g) in Toluene at 30°C
(a = 0.731; K = 0.0000624)

Broad MWD Polydimethylsiloxane

Catalog #	Mw	Mn	IV*
PDS910K	910,000	490,300	1.083
PDS842K	841,900	480,500	1.126
PDS800K	809,000	447,300	1.051
PDS775K	755,300	440,700	1.022
PDS265K	265,000	75,700	0.658
PDS220K	220,100	62,900	0.578
PDS145K	145,000	58,000	0.420
PDS90K	90,500	39,300	0.305
PDS50K	50,400	28,200	0.171
PDS40K	40,000	22,200	0.170
PDS30K	30,200	17,800	0.130
PDS20K	17,800	10,500	0.095
PDS11K	11,550	8,200	0.069
PDS9K	9,000	7,800	0.056
PDS6K	5,800	4,250	0.035
PDS3K	3,100	2,450	0.020
PDS2K	2,400	1,650	0.018
PDS1500	1,675	1,350	-----

Listed Above each is : 1.0g

PDSKIT: 1.0g of each standard

IV* - Intrinsic Viscosity (dL/g) in Toluene at 30°C
(a = 0.731; K = 0.0000624)

American Polymer Standards Corporation

Polypropylene

Low Mw Polypropylene

Catalog #	Mp	Mw	Mn	IV*
PP2700	2,700	2,850	2,700	0.057
PP2600	2,575	2,650	2,530	0.052
PP2100	2,100	2,150	2,020	0.045
PP1900	1,850	1,900	1,800	0.042
PP1800	1,800	1,770	1,630	0.039
PP1650	1,650	1,660	1,575	0.037
PP1450	1,450	1,440	1,375	0.033
PP1365	1,365	1,400	1,355	0.032
PP1300	1,300	1,290	1,230	0.030
PP1160	1,160	1,175	1,120	0.028
PP1075	1,075	1,100	1,070	0.027
PP1000	1,000	1,015	965	0.026
PP900	900	930	890	0.023
PP875	875	890	850	0.023
PP780	780	800	760	0.021

Listed Above each is : 250mg

PPNRKIT: 250mg of each standard

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.78; K = 0.00014)

Broad MWD Polypropylene

Catalog #	Mw	Mn	Mp	IV*
PP800K	801,000	127,000	190,000	4.405
PP575K	575,000	100,000	138,200	3.663
PP467K	467,300	75,400	125,600	3.169
PP350K	348,300	43,500	198,000	2.323
PP300K	297,000	47,500	160,000	2.120
PP270K	267,000	43,300	152,700	1.633
PP230K	231,300	41,800	150,000	1.481
PP210K	210,000	41,200	137,900	1.397
PP200K	197,100	40,600	131,000	1.280

PP180K	177,100	40,000	118,300	1.244
PP150K	151,900	38,400	106,800	1.119
PP135K	136,500	37,000	101,500	1.000
PP110K	110,500	34,000	87,100	0.922
PP105K	108,000	32,500	82,800	0.869
PP95K	95,400	28,100	72,500	0.846
PP60K	59,300	24,700	52,300	0.605
PP50K	50,400	23,600	49,700	0.580
PP45K	47,500	21,300	42,600	0.541
PP9K	8,600	2,600	8,500	0.130
PP6K	6,200	3,000	6,000	0.113
PP1200	1,220	885	1,100	0.032
PP800	830	740	800	0.025

Listed Above each is : 1.0g

PPKIT: 1.0g of each standard

IV* - Intrinsic Viscosity (dL/g) in TCB at 145°C
(a = 0.750; K = 0.000137)

American Polymer Standards Corporation

Polyethylene

Narrow MWD Polyethylene

Catalog #	Mp	Mw	Mn	IV*
PE115K	114,000	115,200	97,000	1.918
PE67K	67,400	68,200	64,000	1.317
PE56K	56,400	59,300	53,300	1.198

Listed Above each is : 200mg

IV* - Intrinsic Viscosity (dL/g) in TCB at 135°C
(a = 0.705; K = 0.0005188)

Low Mw Polyethylene

Catalog #	Mp	Mw	Mn	Mz
PE5300	5,300	6,400	3,160	11,200
PE4930	4,930	6,060	3,020	10,600
PE4650	4,650	5,640	2,880	9,790
PE3700	3,700	4,360	2,300	7,430
PE1960	1,960	2,150	1,850	2,510
PE1200	1,230	1,810	940	3,640
PE1100	1,100	1,140	1,010	1,300
PE770	770	840	720	1,000
PE580	580	620	540	730
PE540	540	610	530	710
PE430	430	455	410	510
PE254	254	254	254	254
PE226	226	226	226	226
PE212	212	212	212	212
PE198	198	198	198	198
PE170	170	170	170	170
PE156	156	156	156	156
PE86	86	86	86	86

Listed Above each is : 1.0g

Ultra High MWD Polyethylene

Catalog #	Mw	Mn	Mv	IV*
UHMWPE1200K	1,165,000	214,600	753,000	9.30
UHMWPE1070K	1,070,000	202,200	769,100	10.77
UHMWPE1000K	1,033,000	237,000	740,500	7.20
UHMWPE800K	883,500	189,000	642,200	7.70

Listed Above each is : 1.0g

IV* - Intrinsic Viscosity (dL/g) in TCB at 135°C

Broad MWD Polyethylene

Catalog #	Mw	Mn	Mz	IV*
High Density				
PE150K	150,100	20,200	565,100	1.785
PE130K	132,700	82,600	321,000	1.900
PE105K	105,000	10,400	475,000	1.420
PE73K	72,500	17,150	259,500	1.223
PE52K	52,000	18,300	138,000	1.010
Low Density				
PE102K	102,000	9,800	366,300	1.550

Listed Above each is : 1.0g

IV* - Intrinsic Viscosity (dL/g) in TCB at 130°C

Branched Polyethylene (HD-LDPE)

Catalog #	LCB*	Mw	Mn	IV**
BRPE0	0.0	52,000	18,300	1.010
BRPE14	1.4	88,200	23,000	0.898

Standard Listed Above each is : 1.0g

LCB* - Branched per 1000 carbons

IV** - Intrinsic Viscosity (dL/g) in TCB at 140°C

American Polymer Standards Corporation

Polyethylene Terephthalate

Catalog #	Mw	Mn	Mz	IV*
PET63K	63,500	30,000	99,000	0.945
PET49K	49,200	25,600	72,800	0.685
PET39K	39,000	21,000	69,000	0.630
PET27K	27,400	15,400	47,100	0.511

Listed Above each is : 1.0g

IV* - Intrinsic Viscosity (dL/g) in o-chlorophenol at 25°C
(a = 0.658; K = 0.000631)

American Polymer Standards Corporation

Polybutylene Terephthalate

Catalog #	Mw	Mn	Mz	IV*
PBT55K	54,600	24,200	93,000	1.200
PBT52K	52,500	27,200	82,000	1.145
PBT44K	43,600	21,200	71,000	1.000
PBT37K	37,200	18,300	58,200	0.850
PBT29K	29,300	15,900	45,000	0.670
PBT16K	16,150	8,150	27,500	0.284

Listed Above each is : 1.0g

IV* - Intrinsic Viscosity (dL/g) in o-chlorophenol at 25°C
(a = 0.915; K = 0.0000622)

American Polymer Standards Corporation

Polytetrahydrofuran

Catalog #	Mp	Mw	Mn	IV*
PTHF9K	9,000	8,950	5,600	0.185
PTHF6K	6,000	5,950	2,100	0.136
PTHF4K	3,650	3,900	1,500	0.105
PTHF1.5K	1,500	2,400	1,100	0.078
PTHF1K	900	1,250	550	0.057

Listed Above each is : 1.0g

IV* - Intrinsic Viscosity (dL/g) in THF at 30°C
(a = 0.548; K = 0.00128)

American Polymer Standards Corporation

Cellulose Acetate

Catalog #	Mw	Mn	IV*
CA135K	135,200	93,600	1.708

Standard Listed Above each in: 250mg

IV* - Intrinsic Viscosity (dL/g) in 98% Acetone, 2% Water at 30°C

American Polymer Standards Corporation

Cellulose Triacetate

Catalog #	Mw	Mn	IV*
CTA140K	140,000	56,700	1.858

Standard Listed Above each is : 250mg

IV* - Intrinsic Viscosity (dL/g) MeCl₂ at 30°C

American Polymer Standards Corporation

Nylon

Nylon 6

Poly(Caprolactam)

Catalog #	Mw	Mn	Mp	IV*
NSIX40K	41,000	19,400	33,000	2.168
NSIX30K	31,400	17,400	26,300	1.677
NSIX20K	22,000	13,000	17,500	1.188
NSIX15K	17,200	11,300	14,500	1.076

Listed Above each is : 1.0g

IV* - Intrinsic Viscosity (dL/g) in HCOOH (90%) at 25°C
(a = 0.70; K = 0.00145)

Nylon 66

(Polyamide: Adipic Acid - Hexamethylenediamine)

Catalog #	Mw	Mn	Mp	IV*
N110K	110,000	44,000	69,500	2.575
N74K	74,000	26,300	44,100	1.921
N40K	40,500	17,400	26,500	1.354
N33K	33,100	15,000	22,200	1.196
N32K	32,300	14,700	21,800	1.188

Listed Above each is : 250mg

N66KIT: 250mg of each standard

IV* - Intrinsic Viscosity (dL/g) in HCOOH (90%) at 25°C
(a = 0.68; K = 0.00110)

American Polymer Standards Corporation

Polyacrylonitrile

Catalog #	Mw	Mn	Mz	IV*
PAN86K	86,200	22,500	218,600	1.787

Standard Listed Above each is : 500mg

IV* - Intrinsic Viscosity (dL/g) in DMF at 80°C
(a = 0.752; K = 0.00045)

Vinylidene Fluoride- Hexafluoropropylene

Catalog #	Mw	Mn	IV*
VFH230K	230,800	140,600	0.789
VFH290K	287,900	151,600	0.850
VFH320K	320,300	137,700	1.060
VFH365K	364,800	187,400	1.283
VFH560K	561,900	213,800	1.392
VFH685K	685,000	249,200	2.016

Listed Above each is : 1.0g

VFHKIT: 1.0g of each standard

IV* - Intrinsic Viscosity (dL/g) in DMAc at 70°C
(a = 0.901; K = 0.000011721)

American Polymer Standards Corporation

Polysulfone

Catalog #	Mw	Mn	Mz	IV*
PSF57K	57,800	19,900	101,200	0.334
PSF69K	69,200	21,000	124,700	0.366

Listed Above each is : 1.0g

IV* - Intrinsic Viscosity (dL/g) in DMF at 50°C

American Polymer Standards Corporation

Polylactic Acid

Catalog #	Mw	Mn	IV*
PLA3K	3,760	1,730	0.108
PLA21K	21,800	14,000	0.503
PLA53K	53,200	23,800	0.928
PLA72K	72,700	25,800	1.005
PLA127K	127,800	47,500	1.480
PLA143K	143,500	39,700	1.682
PLA586K	586,100	255,200	4.460
PLA1300K	1,323,000	430,300	6.680

Listed Above each is : 250mg

PLAKIT: 250mg of each standard

IV* - Intrinsic Viscosity (dL/g) in Chloroform at 30°C
(a = 0.67; K = 0.00066)

American Polymer Standards Corporation

Polyisoprene

Broad MWD

Catalog #	Mw	Mn	IV*
PI1000K	1,026,000	225,300	4.589
PI1700K	1,727,000	317,600	6.618

Listed Above each is: 1.0g

IV* - Intrinsic Viscosity (dL/g) in Toluene at 30°C
(a = 0.74; K = 0.000175)

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