

## Polybutenes

### Description

Soltex Polybutenes are viscous non-drying liquid butylene polymers. These products are ideal for a wide range of applications such as ashless dispersants, fuel and lubricant additives, caulks, sealants, adhesives, industrial stretch film, wrap film, lubricants, dielectric fluids, cosmetics and personal care.

### Properties

SPECIFICATION PROPERTIES	ASTM	PB 6	PB 8	PB 10	PB 12	PB 16	PB 18	PB 20	PB 24	PB 32	PB 122	PB 124	PB 128
Appearance	D 4176	Bright & Clear											
Viscosity, cSt	D 445	-	-	-	-	-	-	-	-	-	-	-	-
Min	-	21	94	210	23	41	70	110	190	595	2200	2950	4000
Max	-	45	130	230	37	59	95	125	250	685	2950	3600	4900
Temp (°C)	-	40	40	40	100	100	100	100	100	100	100	100	100
Water, ppm	Max D 6304	70	70	70	70	70	70	70	70	70	70	70	70
Color, Pt-Co Scale	Max D 5386	100	100	100	100	100	100	100	100	100	100	100	100
Flash Point (COC), °C	Min D 92	110	120	120	120	120	120	120	180	200	200	200	200
<b>TYPICAL PROPERTIES</b>													
Average Molecular Weight, GPC	-	350	460	510	540	670	700	856	950	1300	2225	2400	2600
Viscosity, cSt (40°C)	D 445	-	-	-	-	-	-	-	-	-	-	-	-
Min	-	-	-	-	372	830	1746	3375	4745	16850	68755	110000	150000
Max	-	-	-	-	815	1510	2600	4255	6000	22000	110000	128000	210000
Viscosity Index	-	23	56	70	75	87	95	98	127	186	256	272	273
Specific Gravity 15.6°/15.6°C	D 1298	0.83	0.86	0.86	0.87	0.87	0.88	0.88	0.89	0.9	0.91	0.91	0.91
Density, lb/gal	D 1298	6.91	7.16	7.2	7.24	7.29	7.32	7.34	7.41	7.5	7.58	7.58	7.6
Acid Number, mg KOH/g	Max D 974	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Pour Point (°C)	Min D 97	-40	-35	-30	-30	-20	-15	-10	-5	5	10	10	15

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