

## Kraton® D1118 B (SBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Styrene-Butadiene , Styrene/Butadiene/Styrene (SBS)

### Material Notes:

Description: Kraton D1118 B is a clear, linear triblock copolymer based on styrene and butadiene with a polystyrene content of 33%. It is supplied from South America in the physical form(s) identified: Kraton D1118 BT - supplied as a porous pellet dusted with talcRegion: Asia Pacific, Europe, Japan, North America, and South America Uses: Kraton D1118 B is used as a modifier of bitumen or thermoplastics and in compound formulations. It may also find use as an ingredient in formulating adhesives, sealants and coatings.Applications: Adhesives, Sealant and Coatings; Bitumen Modification; Compounding and Personal Hygiene; Footwear; Impact Modification; Medical; Packaging and Polymod; Personal Care; and Roads and RoofingInformation provided by Kraton®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D1118-B-SBS-Linear-Triblock-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D1118-B-SBS-Linear-Triblock-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ISO 2781
Volatiles	<= 1.0 %	<= 1.0 %	KM 04
Viscosity	470 - 790 cP	470 - 790 cP	25% Toluene Solution at 25Å°C; KM 06
Melt Flow	10 g/10 min @Load 5.00 kg, Temperature 200 Å°C	10 g/10 min @Load 11.0 lb, Temperature 392 Å°F	ISO 1133
Ash	0.50 - 0.75 %	0.50 - 0.75 %	BT; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74 @Time 10.0 sec	74 @Time 0.00278 hour	Measured on compression molded slabs; ISO 868
Tensile Strength	1.70 MPa	247 psi	measured on films cast from a solution in toluene; ISO 37
Elongation at Break	600 %	600 %	Measured on films cast from a solution in toluene; ASTM D412
300% Modulus	0.0120 GPa	1.74 ksi	Measured on films cast from a solution in toluene; ISO 37

Chemical Properties	Metric	English	Comments
Diblock Content	78 %	78 %	

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.15-0.4%, KM 08

Descriptive Properties	Value	Comments
	Total Extractables	<1.0%, KM 05

## Contact Songhan Plastic Technology Co.,Ltd.

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