

## Kraton® D1184 K (SBS) Branched Triblock Copolymer

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

### Material Notes:

Description: Kraton D1184 K is a clear, branched triblock copolymer based on styrene and butadiene, with a polystyrene content of 31%. It is supplied from North America in the physical form indentified: Kraton D1184 KT - supplied as a dusted porous pelletKraton D1184 KU - supplied as an undusted porous pelletKraton D1184 KIM - supplied as a dusted powderRegion: North America, Europe, Asia Pacific, Japan, and South America Uses: Kraton D1184 K 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 RoofingNote 1) The final dusting level is a combination of the talc from the original D1184 KT plus PGA-SD Alumina added during the milling processInformation provided by Kraton®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D1184-K-SBS-Branched-Triblock-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D1184-K-SBS-Branched-Triblock-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D412
Volatiles	<= 1.0 %	<= 1.0 %	KM 04
Viscosity	900 - 1300 cP	900 - 1300 cP	15% Toluene Solution at 25Å°C; KM 06
Melt Flow	<= 1.0 g/10 min @Load 5.00 kg, Temperature 200 Å°C	<= 1.0 g/10 min @Load 11.0 lb, Temperature 392 Å°F	ISO 1133
Ash	0.10 - 0.30 %	0.10 - 0.30 %	KT, Talc; BAM 908
	4.0 - 6.0 %	4.0 - 6.0 %	KIM, See Note 1); BAM 908

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68 @Time 10.0 sec	68 @Time 0.00278 hour	Typical values on polymer compression molded at 350Å°F; ASTM D2240
Tensile Strength	27.6 MPa	4000 psi	measured on films cast from a solution in toluene; ASTM D412
Elongation at Break	820 %	820 %	measured on films cast from a solution in toluene; ISO 37
300% Modulus	0.00552 GPa	0.801 ksi	measured on films cast from a solution in toluene; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	16 %	16 %	

Descriptive Properties	Value	Comments
Content	Antioxidant	0.15-0.4%, KM 08
	Polystyrene	29-33%, KM 03
	Total Extractables	<1.6%, KM 05
Styrene/Rubber Ratio	31/69	

## Contact Songhan Plastic Technology Co.,Ltd.

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