

Kraton® D1186 B (SBS) Branched Triblock Copolymer

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

Material Notes:

Description: Kraton D1186 BT is a clear, branched triblock copolymer based on styrene and butadiene with a polystyrene content of 30%. It is supplied from South America in the physical form identified: Kraton D1186 BT - supplied as a porous pellet dusted with talc
Region: North America, Europe, Asia Pacific, Japan, and South America
Uses: Kraton D1186 B polymer is used as a modifier of bitumen in roofing felt compounds, roads and pipe coating. It may also be suitable for use in formulating adhesives, sealants and coatings and in the modification of polymers.
Applications: Adhesives, Sealant and Coatings; Bitumen Modification; Compounding and Personal Hygiene; Footwear; Impact Modification; Medical; Packaging and Polymod; Personal Care; and Roads and Roofing
Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-D1186-B-SBS-Branched-Triblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ISO 2781
Bulk Density	0.400 g/cc	0.0145 lb/in ³	ASTM D 1895 method B
Volatiles	<= 0.30 %	<= 0.30 %	KM 04
Viscosity	1000 - 1400 cP	1000 - 1400 cP	15% Toluene Solution at 25°C; KM 06
Melt Flow	<= 1.0 g/10 min @Load 5.00 kg, Temperature 200 °C	<= 1.0 g/10 min @Load 11.0 lb, Temperature 392 °F	ISO 1133
Ash	<= 0.50 %	<= 0.50 %	BT; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74 @Time 10.0 sec	74 @Time 0.00278 hour	Typical values on polymer compression molded at 150°C; ISO 868
Tensile Strength	24.0 MPa	3480 psi	Measured on films cast from a solution in toluene; ISO 37
Elongation at Break	800 %	800 %	measured on films cast from a solution in toluene; ISO 37
300% Modulus	0.00300 GPa	0.435 ksi	Measured on films cast from a solution in toluene; ISO 37

Descriptive Properties	Value	Comments
Content	Antioxidant	<0.25%, KM 08
	Polystyrene	29-31%, KM 03

Descriptive Properties

Total Extractables
Value

<1.4% KM 05
Comments

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China