

Kraton® D1186 A (SBS) Branched Block Copolymer

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

Material Notes:

Description: Kraton D1186 A is a clear, branched block copolymer based on styrene and butadiene with bound styrene of 30% mass. It is supplied from Europe in the physical forms identified as follows in the grade nomenclature: D1186 AT - supplied as porous pellets dusted with talcD1186 AS - supplied as porous pellets dusted with amorphous silicaD1186 ASM - supplied as powder dusted with amorphous silica
Region: North America, Europe, Asia Pacific, Japan, and South America
Uses: Kraton D1186 A 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-A-SBS-Branched-Block-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	<= 0.40 %	<= 0.40 %	AS, AT; ISO 247
	2.5 - 5.0 %	2.5 - 5.0 %	ASM; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74 @Time 30.0 sec	74 @Time 0.00833 hour	ISO 868
Tensile Strength	24.0 MPa	3480 psi	ISO 37
Elongation at Break	800 %	800 %	ISO 37
300% Modulus	0.00300 GPa	0.435 ksi	ISO 37

Descriptive Properties	Value	Comments
Content	Antioxidant	>0.14%, Only refers to primary antioxidant content, KM 08

Descriptive Properties	Value	Comments
	Polystyrene	29-31%, KM 03
	Total Extractables	<1.4%, KM 05

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