

Kraton® D1111 K (SIS) Linear Block Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton D1111 K is a clear, linear triblock copolymer based on styrene and isoprene with a polystyrene content of 22%. It is supplied from North America in the physical form identified: Kraton D1111 KT - supplied as a dusted porous pelletKraton D1111 KU - supplied as an undusted porous pelletRegion: Asia Pacific, Europe, Japan, North America, and South America Uses: Kraton D1111 K is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen or thermoplastics and in compound formulations.Applications: Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; Impact Modification; Footwear; and Bitumen Modification

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-D1111-K-SIS-Linear-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ASTM D4025
Volatiles	0.70 %	0.70 %	KM 04
Brookfield Viscosity	750 - 1250 cP @Temperature 25.0 °C	750 - 1250 cP @Temperature 77.0 °F	25% Toluene solution; BAM 922
Melt Flow	2.0 g/10 min @Load 5.00 kg, Temperature 200 °C	2.0 g/10 min @Load 11.0 lb, Temperature 392 °F	
Ash	0.25 - 0.45 %	0.25 - 0.45 %	BAM 908

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	10 seconds. Typical values on polymer compression molded at 150°C (300°F).; ASTM D2240
Tensile Strength, Ultimate	19.99 MPa	2899 psi	Typical properties based on film cast from toluene solution.; ASTM D412
Elongation at Break	1200 %	1200 %	Typical properties based on film cast from toluene solution.; ASTM D412
300% Modulus	0.00138 GPa	0.200 ksi	Typical properties based on film cast from toluene solution.; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	18 %	18 %	

Descriptive Properties	Value	Comments
------------------------	-------	----------

Content Descriptive Properties	Antioxidant Value	0 08-0 3% KM 08 Comments
	Polystyrene	20-24%, KM 03
	Total Extractables	<1.0%, KM 05
Styrene/Rubber Ratio	22/78	

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