

Kraton® G1726 M (SEBS) Linear Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G1726 M is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 30%. It is supplied from North America in the physical form identified: Kraton G1726 M supplied as a dusted pellet Region: Asia Pacific, Europe, Japan, North America, and South America Uses: Kraton G1726 M is used as a modifier of bitumen and polymers. It is also suitable as an ingredient in formulating compounds for footwear applications and may be used in formulating adhesives, sealants, and coatings. Applications: Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; Impact Modification; Medical; Packaging and Polymod; and Personal Care

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G1726-M-SEBS-Linear-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D4025
Volatiles	<= 1.0 %	<= 1.0 %	KM 04
Brookfield Viscosity	140 - 220 cP @Temperature 25.0 Â°C	140 - 220 cP @Temperature 77.0 Â°F	25% Toluene solution
Melt Flow	15 - 23 g/10 min @Load 2.16 kg, Temperature 190 Â°C	15 - 23 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ASTM D1238
Ash	0.010 - 0.20 %	0.010 - 0.20 %	Dusted with silica; BAM 908

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	10 seconds. Typical values on polymer compression molded at 150Â°C (300Â°F).; ASTM D2240
Tensile Strength, Ultimate	2.413 MPa	350.0 psi	Typical properties based on film cast from toluene solution.; ASTM D412
Elongation at Break	200 %	200 %	Typical properties based on film cast from toluene solution.; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	70 %	70 %	

Descriptive Properties	Value	Comments
Content	Antioxidant	0.03-0.10%, KM 08

Descriptive Properties	Polystyrene Value	29.2-31.6%, KM 03, Measured on the polymer before hydrogenation Comments
	Total Extractables	<1.0%, KM 05
Styrene/Rubber Ratio	30/70	

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