

Kraton® G1726 M (SEBS) Linear Triblock 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
Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G1726-M-SEBS-Linear-Triblock-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
Viscosity	140 - 220 cP	140 - 220 cP	25% Toluene Solution at 25°C; BAM 922
Melt Flow	15 - 23 g/10 min @Load 2.16 kg, Temperature 190 °C	15 - 23 g/10 min @Load 4.76 lb, Temperature 374 °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 @Time 10.0 sec	70 @Time 0.00278 hour	Typical values on polymer compression molded at 300°F; ASTM D2240
Tensile Strength	2.41 MPa	350 psi	Typical properties of film cast from toluene solution; ASTM D412
Elongation at Break	200 %	200 %	Typical properties of film cast from toluene solution.; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	70 %	70 %	

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.03-0.1%, KM 08
	Polystyrene	29.2-31.6%, Measured on the polymer before hydrogenation, KM 03

Descriptive Properties	Total Extractables Value	<1.0% KM 05 Comments
Styrene/Rubber Ratio	30/70	

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