

Kraton® FG1901 G (SEBS) grafted with MA

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton FG1901 G 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: FG1901 GT - supplied as a dusted pellet
Region: Asia Pacific, Europe, Japan, North America, and South America
Uses: Kraton FG1901 G 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; and Impact Modification
Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-FG1901-G-SEBS-grafted-with-MA.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792
Viscosity	5000 cP	5000 cP	BAM 922
Melt Flow	14 - 28 g/10 min @Load 5.00 kg, Temperature 230 °C	14 - 28 g/10 min @Load 11.0 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	71 @Time 10.0 sec	71 @Time 0.00278 hour	Typical values on polymer compression molded at 300°F; ASTM D2240
Tensile Strength	34.5 MPa	5000 psi	Typical properties of film cast from toluene solution; ASTM D412
Elongation at Break	500 %	500 %	Typical properties of film cast from toluene solution; ASTM D412

Descriptive Properties	Value	Comments
Content	Maleic anhydride	1.4-2.0%, BAM 1026
Styrene/Rubber Ratio	30/70	
Water	<500 ppmw	at time of packaging, BAM 1024

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