

Kraton® FG1901 G (SEBS) Linear Block Copolymer

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-FG1901-G-SEBS-Linear-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792
Brookfield Viscosity	5000 cP @Temperature 25.0 Â°C	5000 cP @Temperature 77.0 Â°F	25% Toluene solution; BAM 922
Melt Flow	14 - 28 g/10 min @Load 5.00 kg, Temperature 230 Â°C	14 - 28 g/10 min @Load 11.0 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	71	71	Typical values on polymer compression molded at 300Â°F; ASTM D2240
Tensile Strength, Ultimate	34.47 MPa	4999 psi	Typical properties based on film cast from toluene solution.; ASTM D412
Elongation at Break	500 %	500 %	Typical properties based on film cast from toluene solution.; ASTM D412

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

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