Kraton® G1641 H (SEBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G1641 H is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 33%. It is supplied from North America in the physical form identified: Kraton G1641 HU - supplied as an undusted powderKraton G1641 HS - supplied as a dusted powderRegion: Asia Pacific, Europe, Japan, North America, and South AmericaUses: Kraton G1641 H is used in compound formulations and as a modifier of thermoplastics. It may also find use in formulating adhesives, sealants, coatings and modified bitumens.Applications: Compounding and Personal Hygiene; Adhesives, Sealant and Coatings; Impact Modification; Medical; Packaging and Polymod; and Personal CareInformation provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G1641-H-SEBS-Linear-Triblock-Copolymer.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.50 %	<= 0.50 %	KM 04
Viscosity	500 - 850 cP	500 - 850 cP	15% Toluene Solution at 25°C; BAM 922

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	52 @Time 10.0 sec	52 @Time 0.00278 hour	Measured on compression molded slabs; ASTM D2240
Tensile Strength	>= 17.2 MPa	>= 2490 psi	Measured on solution cast film from toluene; BAM 1245
Elongation at Break	>= 800 %	>= 800 %	Measured on solution cast film from toluene; BAM 1245
300% Modulus	0.00434 GPa	0.629 ksi	Measured on solution cast film from toluene; BAM 1245

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.03-0.1%, KM 08
	Polystyrene	32.3-33.7%, Measured on polymer before hydrogenation, KM 03
	Total Extractables	<1.6%, KM 05

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