

Kraton® G1643 M (SEBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G1643 M is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 20%. It is supplied from North America in the physical form identified: Kraton G1643 MS - is supplied as a dusted, dense pelletRegion: Asia Pacific, Europe, Japan, North America, and South AmericaUses: Kraton G1643 M 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-G1643-M-SEBS-Linear-Triblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Volatiles	<= 1.0 %	<= 1.0 %	KM 04
Viscosity	210 cP	210 cP	25% Toluene Solution at 25°C; BAM 922
Melt Flow	14 - 25 g/10 min @Load 2.16 kg, Temperature 230 °C	14 - 25 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238
Ash	0.020 - 0.12 %	0.020 - 0.12 %	Silica; BAM 908

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	52 @Time 30.0 sec	52 @Time 0.00833 hour	ASTM D2240
Tensile Strength	10.3 MPa	1490 psi	ASTM D412
Elongation at Break	>= 600 %	>= 600 %	ASTM D412

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.06-0.14%, KM 08
	Polystyrene	16.6-20.6%, Measured on polymer before hydrogenation, KM 03
	Total Extractables	<1.0%, KM 05
Styrene/Rubber Ratio	20/80	

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