

Kraton® G1640 E (SEBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G1640 E is a clear linear triblock copolymer based on styrene and ethylene/butylene (S-E/B-S) with bound styrene of 32.9% mass. It is supplied from Europe as identified in the grade nomenclature: Kraton G1640 ES - supplied as a "fluffy" crumb dusted with amorphous silica
Region: Asia Pacific, Europe, Japan, North America, and South America
Uses: Kraton G1640 E is used as a base material for compound formulations and as a modifier of thermoplastics. The inherent stability of the midblock suggests the use of this grade in applications that must withstand weathering and high processing temperatures. In addition G1640 E offers the advantages of a high molecular weight polymer at lower melt viscosities.
Applications: Compounding and Personal Hygiene; Adhesives, Sealant and Coatings; 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-G1640-E-SEBS-Linear-Triblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ISO 2781
Bulk Density	0.190 g/cc	0.00686 lb/in ³	ASTM D1895
Volatiles	<= 0.50 %	<= 0.50 %	KM 04
Brookfield Viscosity	1500 cP	1500 cP	15% Toluene Solution at 25°C; KM 06
Ash	0.70 - 1.1 %	0.70 - 1.1 %	ES; ISO 247

Descriptive Properties	Value	Comments
Content	Antioxidant	>0.03%, KM 08
	Polystyrene	30.7-32.7%, KM 03
	Total Extractables	<1.6%, KM 05

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