

Kraton® G1654 H (SEBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G1654 H is a linear triblock copolymer based on styrene and ethylene/butylene. It is supplied from North America in the physical form identified: Kraton G1654 HU - supplied as a powder Region: Asia Pacific, Europe, Japan, North America, and South America Uses: Kraton G1654 H is used as a base material for thermoplastic elastomer (TPE) compound formulations for a variety of applications. It is also used as a modifier of thermoplastics and bitumen. The inherent stability of SEBS polymers suggests the use of G1654 H in applications that must withstand weathering and high processing temperatures. Applications: Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; 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-G1654-H-SEBS-Linear-Triblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D4025
Volatiles	<= 0.40 %	<= 0.40 %	KM 04
Viscosity	285 - 490 cP	285 - 490 cP	10% Toluene Solution at 25Å°C; BAM 922

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	63	63	ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Strength	5.52 MPa	801 psi	BAM 1211
	27.5 MPa	3990 psi	BAM 1245
Elongation at Break	>= 800 %	>= 800 %	BAM 1245

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.04-0.1%, KM 08
	Polystyrene	29.5-32.5%, Measured on the polymer before hydrogenation, KM 03
	Total Extractables	<1.6%, KM 05

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