

Kraton® G4610 H (SEBS) with Oil

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G4610 H is a white mineral oil extended linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 33%. Nominal oil content of the polymer is 31%w (45 parts/100 part rubber (phr)). It is supplied from North America in the physical form identified: G4610 HU - supplied as an undusted powder crumb. Region: Asia Pacific, Europe, Japan, North America, and South America. Uses: Kraton G4610 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 G4610 H in applications that must withstand weathering and high processing temperatures. Applications: Compounding and Personal Hygiene. Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G4610-H-SEBS-with-Oil.php

Physical Properties	Metric	English	Comments
Volatiles	<= 1.0 %	<= 1.0 %	KM 04

Mechanical Properties	Metric	English	Comments
Tensile Strength	>= 5.52 MPa	>= 801 psi	BAM 1211

Descriptive Properties	Value	Comments
Content	Antioxidant	0.02 - 0.06%; KM08
	Polystyrene	31.2-34.6%, Measured on the polymer before hydrogenation, KM03
	Total Extractables	25-37%, KM05

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