

## Kraton® G1645 M (SEBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

Description: Kraton G1645 M is a linear triblock copolymer based on styrene and ethylene/butylene. It is supplied from North America in the physical form identified: Kraton G1645 MO - supplied as a dusted, dense pelletRegion: Asia Pacific, Europe, Japan, North America, and South America The product exhibits the following characteristics: Supplied as a dusted, dense pellet in small plastic bags; Enhanced midblock for increased compatibility with polypropylene; Good UV and thermal stability as with all KRATON G type products; and Low melt flow designed for stability in blown film applications.Applications: Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; 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-G1645-M-SEBS-Linear-Triblock-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-G1645-M-SEBS-Linear-Triblock-Copolymer.php)

Physical Properties	Metric	English	Comments
Volatiles	<= 1.0 %	<= 1.0 %	KM 04
Melt Flow	2.0 - 5.0 g/10 min @Load 2.16 kg, Temperature 230 °C	2.0 - 5.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35 @Time 10.0 sec	35 @Time 0.00278 hour	Measured on injection molded plaque; ASTM D2240
Tensile Strength	10.3 MPa	1490 psi	Measured on extrusion cast film; ASTM D412
Elongation at Break	600 %	600 %	Measured on extrusion cast film; ASTM D412

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.08-0.16%, KM 08
	Polystyrene	11.5-13.5%, Measured on polymer before hydrogenation, KM 03
	Total Extractables	<1.6%, KM 05

## Contact Songhan Plastic Technology Co.,Ltd.

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