

## Kraton® A1535 H (SEBS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

Description: Kraton A1535 H is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 57%. It is supplied from North America in the physical form identified: Kraton A1535 HU - supplied as an undusted powder Kraton A1535 HS - supplied as a dusted powder Region: Asia Pacific, Europe, Japan, North America, and South America Uses: Kraton A1535 H is used as a base material for compound formulations and as a modifier of thermoplastics. The inherent stability of the mid block suggests the use of this product 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-A1535-H-SEBS-Linear-Triblock-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-A1535-H-SEBS-Linear-Triblock-Copolymer.php)

Physical Properties	Metric	English	Comments
Volatiles	<= 1.0 %	<= 1.0 %	KM 04
Melt Flow	<= 1.0 g/10 min @Load 5.00 kg, Temperature 230 °C	<= 1.0 g/10 min @Load 11.0 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83 @Time 10.0 sec	83 @Time 0.00278 hour	ASTM D2240
Tensile Strength	27.6 MPa	4000 psi	Measured on solution cast film from toluene; BAM 1245
Elongation at Break	>= 600 %	>= 600 %	Measured on solution cast film from toluene; BAM 1245
300% Modulus	0.00793 GPa	1.15 ksi	Measured on solution cast film from toluene; BAM 1245

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.03-0.1%, KM 08
	Polystyrene	56.3-60.3%, Measured on the polymer before hydrogenation, KM 03
	Total Extractables	<1.6%, KM 05

## Contact Songhan Plastic Technology Co.,Ltd.

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