

Kraton® G1654 E (SEBS) Linear Block Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Kraton G1654 E polymer is a clear, linear triblock copolymer based on styrene and ethylene/butylene, S-E/B-S, with bound styrene of 30% mass. Kraton G1654 ES - supplied as a "fluffy" crumb dusted with amorphous silica. Region: Asia Pacific, Europe, Japan, North America, and South America. Uses: Kraton G1654 E 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 E 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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G1654-E-SEBS-Linear-Block-Copolymer.php

| Physical Properties | Metric | English | Comments |
|----------------------|---|--------------------------------------|----------------------|
| Specific Gravity | 0.920 g/cc | 0.920 g/cc | ISO 2781 |
| Volatiles | <= 0.50 % | <= 0.50 % | KM 04 |
| Brookfield Viscosity | 250 - 500 cP @Temperature 25.0 °C | 250 - 500 cP @Temperature 77.0 °F | 10% Toluene solution |
| Ash | 0.35 - 0.55 % | 0.35 - 0.55 % | ES; ISO 247 |

| Descriptive Properties | Value | Comments |
|------------------------|--------------------|-------------------|
| Content | Antioxidant | >0.03%, KM 08 |
| | Polystyrene | 28.5-31.5%, KM 03 |
| | Total Extractables | <1.6%, KM 05 |

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