

## Kraton® D1153 E (SBS) Liner Block Copolymer

Category : Polymer , Thermoplastic , Styrene-Butadiene , Styrene/Butadiene/Styrene (SBS)

### Material Notes:

Description: Kraton D1153 E is a clear, linear block copolymer based on styrene and butadiene with bound styrene of 29.5% mass. It is supplied from Europe in the physical form(s) identified below in the grade nomenclature: Kraton D1153 ES - supplied as porous pellets dusted with amorphous silica  
 Region: Asia Pacific, Europe, Japan, North America, and South America  
 Uses: Kraton D1153 E is used as a modifier of bitumen or thermoplastics and in compound formulations. It may also find use as an ingredient in formulating adhesives, sealants and coatings.  
 Applications: Adhesives, Sealant and Coatings; Bitumen Modification; Compounding and Personal Hygiene; Footwear; Impact Modification; Medical; Packaging and Polymod; Personal Care; and Roads and Roofing  
 Information provided by Kraton®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D1153-E-SBS-Liner-Block-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D1153-E-SBS-Liner-Block-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ISO 2781
Bulk Density	0.400 g/cc	0.0145 lb/in <sup>3</sup>	ASTM D 1895 method B
Volatiles	<= 0.30 %	<= 0.30 %	KM 04
Viscosity	1400 - 1900 cP	1400 - 1900 cP	25% Toluene Solution at 25°C; KM 06
Molecular Weight	123000 g/mol	123000 g/mol	Apparent, Triblock; BMS 0490
Melt Flow	3.0 g/10 min @Load 5.00 kg, Temperature 200 °C	3.0 g/10 min @Load 11.0 lb, Temperature 392 °F	ISO 1133
Ash	0.10 - 0.40 %	0.10 - 0.40 %	ES; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70 @Time 15.0 sec	70 @Time 0.00417 hour	Measured on compression molded slabs; ASTM D2240
Tensile Strength	28.0 MPa	4060 psi	measured on films cast from a solution in toluene; ISO 37
Elongation at Break	800 %	800 %	Measured on films cast from a solution in toluene; ISO 37
300% Modulus	0.00290 GPa	0.421 ksi	Measured on films cast from a solution in toluene; ISO 37

Descriptive Properties	Value	Comments
Content	Antioxidant	>0.1%, KM 08

Descriptive Properties	Value	Comments
	Polystyrene	28.5-30.5%, KM 03
	Total Extractables	<1.0%, KM 05
Triblock Content	95 percent	BMS 0490

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China