

## Kraton® D1101 B (SBS) Liner Block Copolymer

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

### Material Notes:

Description: Kraton D1101 B is a clear, linear triblock copolymer based on styrene and butadiene with a polystyrene content of 31%. It is supplied from South America in the physical form(s) identified:Kraton D1101 BT - supplied as a dusted porous pelletKraton D1101 BTM - supplied as a dusted powderRegion: Asia Pacific, Europe, Japan, North America and South AmericaUses: Kraton D1101 B 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: Bitumen Modification; Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; Footwear; Impact Modification; Medical; Packaging and Polymod; Personal Care; and Roads and RoofingInformation provided by Kraton®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D1101-B-SBS-Liner-Block-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D1101-B-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
Brookfield Viscosity	3000 - 5000 cP	3000 - 5000 cP	Measured on 25% mass solution in toluene at 25Å°C; KM 06
Melt Flow	<= 1.0 g/10 min @Load 5.00 kg, Temperature 200 Å°C	<= 1.0 g/10 min @Load 11.0 lb, Temperature 392 Å°F	ISO 1133
Ash	0.30 - 0.60 %	0.30 - 0.60 %	BT; ISO 247
	<= 5.0 %	<= 5.0 %	BTM; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70 @Time 10.0 sec	70 @Time 0.00278 hour	Measure on compression molded slabs; ISO 868
Tensile Strength	33.0 MPa	4790 psi	measured on films cast from a solution in toluene; ISO 37
Elongation at Break	880 %	880 %	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	Antioxidants	>0.1%, KM 08

Descriptive Properties	Value	Comments
	Polystyrene	30-32%, KM 03
	Total Extractables	<1.0%, KM 05

## Contact Songhan Plastic Technology Co.,Ltd.

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