

Kraton® D1102 E (SBS) Liner Block Copolymer

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

Material Notes:

Description: Kraton D1102 E is a clear, linear block copolymer based on styrene and butadiene with bound styrene of 28.5% mass. It is supplied from Europe in the physical form(s) identified below in the grade nomenclature: D1102 ET - supplied as porous pellets dusted with talc D1102 ES - supplied as porous pellets dusted with amorphous silica D1102 ESM - supplied as powder dusted with amorphous silica D1102 EU - supplied as porous pellets undusted Region: Asia Pacific, Europe, Japan, North America and South America Uses: Kraton D1102 E is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen or thermoplastics and in compound formulations. Applications: Bitumen Modification; Adhesives, Sealant and Coatings; 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-D1102-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 ³	ASTM D 1895 method B
Volatiles	<= 0.30 %	<= 0.30 %	KM 04
Viscosity	750 - 1450 cP	750 - 1450 cP	25% Toluene Solution at 25°C; KM 06
Melt Flow	12 g/10 min @Load 5.00 kg, Temperature 200 °C	12 g/10 min @Load 11.0 lb, Temperature 392 °F	ISO 1133
Ash	0.15 - 0.40 %	0.15 - 0.40 %	ES; ISO 247
	0.15 - 0.40 %	0.15 - 0.40 %	ET; ISO 247
	2.5 - 5.0 %	2.5 - 5.0 %	ESM; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	66 @Time 30.0 sec	66 @Time 0.00833 hour	Measured 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

Chemical Properties	Metric	English	Comments
Diblock Content	17 %	17 %	

Descriptive Properties	Value	Comments
Content	Polystyrene	27-30%, KM 03
	Total Antioxidant	>0.15%, KM 08
	Total Extractables	<1.0%, KM 05

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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