

Kraton® D1102 A (SBS) Liner Block Copolymer

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

Material Notes:

Description: Kraton D1102 A 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: D1102 AS - supplied as porous pellets dusted with silica D1102 AU - supplied as undusted porous pellets D1102 ASM - supplied as powder dusted with amorphous silica
Region: Asia Pacific, Europe, Japan, North America and South America
Uses: Kraton D1102 A 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-A-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	900 - 1500 cP	900 - 1500 cP	25% Toluene Solution at 25°C; KM 06
Melt Flow	6.0 g/10 min @Load 5.00 kg, Temperature 200 °C	6.0 g/10 min @Load 11.0 lb, Temperature 392 °F	ISO 1133
Ash	<= 0.20 %	<= 0.20 %	AU; ISO 247
	<= 0.40 %	<= 0.40 %	AS; ISO 247
	2.5 - 5.0 %	2.5 - 5.0 %	ASM; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70 @Time 30.0 sec	70 @Time 0.00833 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; ASTM D412
300% Modulus	0.00290 GPa	0.421 ksi	measured on films cast from a solution in toluene; ASTM D 412

Descriptive Properties	Value	Comments
Content	Antioxidant	>0.14%, KM 08
	Polystyrene (AS, ASM)	28.5-30.5%, KM 03
	Polystyrene (AU)	27.5-29.5%, KM 03
	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