

Kraton® D1118 E (SBS) Diblock Copolymer

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

Material Notes:

Description: Kraton D1118 E is a clear, diblock copolymer based on styrene and butadiene with a polystyrene content of 33%. It is supplied from Europe in the physical form identified: D1118 ET - supplied as porous pellets dusted with talcD1118 ES - supplied as porous pellets dusted with amorphous silicaD1118 ESM - supplied as powder dusted with amorphous silicaRegion: Asia Pacific, Europe, Japan, North America, and South America Uses: Kraton D1118 E is used for modification of bitumen. It may also be suitable for use in formulating adhesives, sealants and coatings, and in the modification of polymers.Applications: Adhesives, Sealant and Coatings; Bitumen Modification; 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-D1118-E-SBS-Diblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ISO 2781
Volatiles	<= 0.30 %	<= 0.30 %	KM 04
Viscosity	470 - 790 cP	470 - 790 cP	25% Toluene Solution at 25Å°C; KM 06
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	74	74	ISO 868
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Strength	2.00 MPa	290 psi	ISO 37
Elongation at Break	600 %	600 %	ISO 37
300% Modulus	0.0120 GPa	1.74 ksi	ISO 37

Chemical Properties	Metric	English	Comments
Diblock Content	78 %	78 %	

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.15-0.4%, KM 08

Descriptive Properties	Polystyrene Value	31-35%, KM 03 Comments
	Total Extractables	<1.0%, KM 05

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