

Kraton® D1124 B (SIS) Branched Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton D1124 B is a clear, branched triblock copolymer based on styrene and isoprene with a polystyrene content of 30%. It is supplied from South America in the physical form identified: Kraton D1119 PT - supplied as a dusted dense pelletKraton D1124 BT - supplied as a porous pellet dusted with talcRegion: South America, Europe, Asia Pacific, North America, and Japan Uses: Kraton D1124 B is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen and polymers.Applications: Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; Impact Modification; Footwear; and Bitumen ModificationInformation provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-D1124-B-SIS-Branched-Triblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ISO 2781
Volatiles	<= 0.50 %	<= 0.50 %	KM 04
Viscosity	160 - 560 cP	160 - 560 cP	25% Toluene Solution at 25Å°C; KM 06
Melt Flow	4.0 g/10 min @Load 5.00 kg, Temperature 200 Å°C	4.0 g/10 min @Load 11.0 lb, Temperature 392 Å°F	ISO 1133
Ash	0.20 - 0.50 %	0.20 - 0.50 %	BT; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	54 @Time 30.0 sec	54 @Time 0.00833 hour	ISO 868
Tensile Strength	14.5 MPa	2100 psi	ISO 37
Elongation at Break	1100 %	1100 %	ISO 37
300% Modulus	0.00280 GPa	0.406 ksi	ISO 37

Descriptive Properties	Value	Comments
Content	Antioxidant	0.08-0.21%, Primary antioxidant is a non-staining, phenolic antioxidant, KM 08
	Polystyrene	28-32%, KM 03
	Total Extractables	<1.0%, KM 05

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