

Kraton® D42070 B (O/E SBS) Branched Copolymer

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

Material Notes:

Description: Kraton® D4270B is an oiled, branched copolymer based on styrene and butadiene with a polystyrene content of 32%. It is supplied from South America in the physical form identified: D4270BT supplied as a dusted porous pellet D4270BS supplied as a dusted porous pellet Region: North America, Europe, Asia Pacific, Japan, and South America Uses: Kraton D4270B is used for formulating compound for footwear and general purpose applications. Applications: Adhesives, Sealant and Coatings; Bitumen Modification; Compounding and Personal Hygiene; Footwear; Impact Modification; and Roads and Roofing Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-D42070-B-OE-SBS-Branched-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	<= 0.70 %	<= 0.70 %	KM 04
Melt Flow	15 g/10 min @Load 5.00 kg, Temperature 200 °C	15 g/10 min @Load 11.0 lb, Temperature 392 °F	ISO 1133
Ash	<= 0.50 %	<= 0.50 %	Product form "S" or "T"; ISO 247-B

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45 @Time 15.0 sec	45 @Time 0.00417 hour	ISO 868
Tensile Strength	12.0 MPa	1740 psi	ISO 37
Elongation at Break	1100 %	1100 %	ISO 37
300% Modulus	0.00190 GPa	0.276 ksi	ISO 37
Abrasion	100	100	[cubic mm]; DIN 53516

Descriptive Properties	Value	Comments
Content	Antioxidant	>0.4%, KM 08
	Bound Styrene	31-33%, KM 03
	Total Extractables	30.5-32.5%, KM 05

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