

Kraton® D4270 J (O/E SBS) Branched Block Copolymer

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

Material Notes:

Description: Kraton D4270 J is an oil-extended branched block copolymer based on styrene and butadiene, with bound styrene in the neat polymer of 32% mass. It is supplied from Japan in the physical forms identified in the grade nomenclature: D4270 JSP - supplied as dusted pellets D4270 JS - supplied as dusted crumb
 Region: Japan
 Uses: Kraton D4270 J is used for formulating compounds for footwear and general purpose applications and as a modifier of bitumen.
 Applications: Bitumen Modification and Compounding and Personal Hygiene
 Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-D4270-J-OE-SBS-Branched-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	
Volatiles	<= 1.0 % @Temperature 110 Â°C, Time 7200 sec	<= 1.0 % @Temperature 230 Â°F, Time 2.00 hour	
Melt Flow	10 - 24 g/10 min @Load 5.00 kg, Temperature 200 Â°C	10 - 24 g/10 min @Load 11.0 lb, Temperature 392 Â°F	ISO 1133
Ash	<= 1.0 %	<= 1.0 %	ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	46 @Time 30.0 sec	46 @Time 0.00833 hour	ISO 7619
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

Descriptive Properties	Value	Comments
Content	Bound Styrene	32 percent

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