

Kraton® D1155 B (SBS) Liner Block Copolymer

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

Material Notes:

Description: Kraton D1155 B is a clear, linear block copolymer based on styrene and butadiene with bound styrene of 40% mass. It is supplied from South America as indicated in the grade nomenclature: Kraton D1155 BO - supplied as a dusted, porous pellet Region: Asia Pacific, Europe, Japan, North America, and South America Uses: Kraton D1155 B is used in the modification of polymers and in compounds for technical and footwear applications. It is also used in formulating adhesives, sealants and coatings and as a modifier for bitumen. Applications: Compounding and Personal Hygiene Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-D1155-B-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	<= 0.50 %	<= 0.50 %	KM 04
Melt Flow	1.8 - 5.0 g/10 min @Load 2.16 kg, Temperature 190 °C	1.8 - 5.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	Measured on films cast from a solution in toluene; ISO 868
Tensile Strength	33.0 MPa	4790 psi	ISO 37
Elongation at Break	880 %	880 %	ISO 37
300% Modulus	0.00290 GPa	0.421 ksi	ISO 37

Descriptive Properties	Value	Comments
Content	Antioxidant	>0.2%, KM 08
	Dust	0.05-0.2%
	Polystyrene	37-43%, KM 03
	Total Extractables	<1.0%, KM 05

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