

Kraton® D4150 K (SBS) Linear Block Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton D4150 K is a linear triblock copolymer based on styrene and butadiene with a polystyrene content of 31%. It is supplied from North America in the physical form identified: Kraton D4150 KT - supplied as a dusted porous pellet Kraton D4150 KU - supplied as an undusted porous pellet Region: Asia Pacific, Europe, Japan, North America, and South America Uses: Kraton D4150 K is used as a modifier of bitumen and polymers. It is also suitable as an ingredient in formulating compounds for footwear applications, molded and extruded goods applications and may be used in formulating adhesives, sealants, and coatings. Applications: Adhesives, Sealant and Coatings; Bitumen Modification; Compounding and Personal Hygiene; Footwear; Impact Modification; and Roads and Roofing

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-D4150-K-SBS-Linear-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D4025
Volatiles	<= 0.70 %	<= 0.70 %	KM 04
Brookfield Viscosity	850 cP @Temperature 25.0 Â°C	850 cP @Temperature 77.0 Â°F	25% Toluene solution; BAM 922
Melt Flow	9.5 g/10 min @Load 5.00 kg, Temperature 200 Â°C	9.5 g/10 min @Load 11.0 lb, Temperature 392 Â°F	
Ash	0.25 - 0.45 %	0.25 - 0.45 %	Tlac specifications for D4150 KT; BAM 908

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	10 seconds. Typical values on polymer compression molded at 150Â°C (300Â°F).; ASTM D2240
Tensile Strength, Ultimate	19.31 MPa	2801 psi	Typical properties based on film cast from toluene solution.; ASTM D412
Elongation at Break	1400 %	1400 %	Typical properties based on film cast from toluene solution.; ASTM D412
300% Modulus	0.00103 GPa	0.149 ksi	Typical properties based on film cast from toluene solution.; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	17 %	17 %	

Descriptive Properties	Value	Comments
------------------------	-------	----------

Descriptive Properties	Value	Comments
	Oil	32.3-34.3%, KM 05
	Polystyrene	29-33%, KM 03
Styrene/Rubber Ratio	31/69	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China