KratonÂ® D0243 K (SBS) Diblock Copolymer

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

Material Notes:

Kraton D0243 K is a clear, diblock copolymer based on styrene and butadiene with a polystyrene content of 33%. It is supplied from North America in the physical form identified:Kraton D0243 KT - supplied as a porous pellet dusted with talcRegion: North America, Asia Pacific, Europe, Japan and South AmericaUses: Kraton D0243 K is used as a modifier of bitumen or thermoplastics and in compound formulations. It may also find use as an ingredient in formulating adhesives, sealants and coatings.Applications: Bitumen Modification; Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; Footwear; Impact Modification; Medical; Packaging and Polymod; Personal Care; and Roads and RoofingInformation provided by KratonÂ®

Order this product through the following link:
http://www.lookpolymers.com/polymer_Kraton-D0243-K-SBS-Diblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D402
Volatiles	<= 1.0 %	<= 1.0 %	KM 04
Viscosity	240 - 390 cP	240 - 390 cP	25% toluene solution at 25Â°C; BAM 922
Melt Flow	20 g/10 min @Load 5.00 kg, Temperature 200 Â°C	20 g/10 min @Load 11.0 lb, Temperature 392 Â°F	ASTM D1238
Ash	0.35 - 0.75 %	0.35 - 0.75 %	Talc; BAM 908

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70 @Time 10.0 sec	70 @Time 0.00278 hour	Typical values on polymer compression molded at 300Â°F, Estimated value; ASTM D2240
Tensile Strength	1.72 MPa	249 psi	Measure of film cast from a solution in toluene, Estimated value; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	75 %	75 %	

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.35-0.48%, KM 08
	Polystyrene	31-36%, KM 03
	Total Extractables	<1.0%, KM 05

Descriptive Properties	Value	Comments
Styrene/Rubber Ratio	33/67	

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