

Dynasol Solprene® 411 Thermoplastic Rubber SBS Dry

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic TPE

Material Notes:

Solprene 411 is a 70/30 butadiene/styrene thermoplastic copolymer, polymerized in solution and has a radial structure. This product is available in: S 411 porous crumb S 411M powder form dusted with amorphous silica
 Applications: Bitumen modification
 Footwear
 Mechanical rubber goods
 Plastic modification
 adhesives
 Information provided by Dynasol

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dynasol-Solprene-411-Thermoplastic-Rubber-SBS-Dry.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.75 %	<= 0.75 %	ASTM D-5668
Viscosity	2200 cP @Temperature 180 °C	2200 cP @Temperature 356 °F	Modified Bitumen Property in waterproof membranes (150/200 bitumen + 12% polymer)
Viscosity Measure	28 cSt	28 cSt	Toluene solution viscosity 5,23%; NM 300-11

Mechanical Properties	Metric	English	Comments
Penetration	<= 50	<= 50	at 25°C dmm, Modified Bitumen Property in waterproof membranes (150/200 bitumen + 12% polymer); ASTM D-5-86

Thermal Properties	Metric	English	Comments
Ring & Ball Softening Point	>= 130 °C	>= 266 °F	Modified Bitumen Property in waterproof membranes (150/200 bitumen + 12% polymer); ASTM D-36

Chemical Properties	Metric	English	Comments
Styrene Content	30 %	30 %	on polymer; ASTM D-5775

Descriptive Properties	Value	Comments
Cold Flexibility, °C max	-30	
Insolubles in toluene, 325 mesh, % max	0.1	

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