

Dynasol Solprene® 9320 Multi-branched Thermoplastic Rubber (Multi-branched SBS)

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Solprene® 9320 is a 68/32 Butadiene-Styrene multi arm copolymer, polymerized in solution process. It has a non-staining FDA approved antioxidant system for food contact applications and it is essentially gel free polymer This product is presented as a free flowing porous pellet for easy handling and dissolution

Uses: Solprene® 9320 was developed to be used in high performance adhesive formulations. Additionally, it is used as plastic impact modifier and asphalt elastomeric modifier in paving and roofing application. Main Applications: Paving Polymer modification Adhesives Roofing Information provided by Dynasol.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dynasol-Solprene-9320-Multi-branched-Thermoplastic-Rubber-Multi-branched-SBS.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.75 %	<= 0.75 %	ASTM D5668
Brookfield Viscosity	750 cP	750 cP	25% in toluene; ASTM D2994

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	DIN 53505
Tensile Strength	11.0 MPa	1600 psi	ASTM D412
Elongation at Break	1000 %	1000 %	ASTM D412

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-85.0 °C	-121 °F	ASTM E-1356

Chemical Properties	Metric	English	Comments
Styrene Content	>= 30 %	>= 30 %	Block; NM 202-07
	32 %	32 %	ASTM D5775

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