

Dynasol Solprene® 9618 Multi-branched Thermoplastic Rubber (Multi-branched SBS)

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

Material Notes:

Solprene 9618 is a 69/31 Butadiene-Styrene multi arm copolymer, polymerized in solution process. It is stabilized with non-staining antioxidant system. This product is presented as a free flowing porous pellet for easy handling and dissolution. Uses: Solprene 9618 is designed to be used in high performance adhesive formulations. Main Applications: Adhesives Polymer modification Information provided by Dynasol.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dynasol-Solprene-9618-Multi-branched-Thermoplastic-Rubber-Multi-branched-SBS.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.75 %	<= 0.75 %	ASTM D5668
Brookfield Viscosity	0.60 cP	0.60 cP	25% in toluene; ASTM D2994
Melt Flow	13 g/10 min	13 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	DIN 53505
Tensile Strength	8.00 MPa	1160 psi	ASTM D412
Elongation at Break	850 %	850 %	ASTM D412

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-66.0 °C	-86.8 °F	ASTM E-1356

Chemical Properties	Metric	English	Comments
Styrene Content	29 %	29 %	Block; NM 202-07
	31 %	31 %	NM 300-14

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