

Dynasol Calprene® 487 Thermoplastic Rubber SBS Oil extended

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

Material Notes:

Calprene 487 is a 45/55 Butadiene/Styrene thermoplastic copolymer, polymerized in solution. It has a radial structure and is extended with 40 phr of paraffinic oil. This product is presented in pellet form and has very adequate flow properties for compounding articles intended for injection. Applications: Footwear Sportswear Mechanical rubber goods Information provided by Dynasol

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dynasol-Calprene-487-Thermoplastic-Rubber-SBS-Oil-extended.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.40 %	<= 0.40 %	ASTM D-5668
Melt Flow	14 g/10 min @Load 5.00 kg, Temperature 190 °C	14 g/10 min @Load 11.0 lb, Temperature 374 °F	ASTM D-1238
Ash	<= 0.35 %	<= 0.35 %	ASTM D-5667

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88	88	ASTM D-2240
Abrasion	140	140	mm ³ ; DIN 53516

Chemical Properties	Metric	English	Comments
Styrene Content	55 %	55 %	on polymer; ASTM D-5775

Descriptive Properties	Value	Comments
Hunterlab color, max	2	
Insolubles in toluene, 325 mesh, % max	0.1	
Oil Content, %	28.5	ASTM D-5774

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