

Total Finaprene® 507 Styrene-Butadiene TPE Copolymer (discontinued **)

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic TPE , Styrene-Butadiene

Material Notes:

Styrene-Butadiene Copolymer Description: Finaprene® 507 is a thermoplastic elastomer type radial styrene-butadiene block copolymer. Thanks to its high styrene content, Finaprene® 507 provides excellent mechanical properties to the compound along with a good fluidity. **Applications:** Thanks to its high fluidity Finaprene® 507 is designed for the compounding industry. Finaprene® 507 can be used as an alternative to GPPS to provide compounds hardness without imparting other compounds properties such as abrasion resistance or flexural resistance. **Data provided provided by Total Petrochemicals.** Total Petrochemicals includes former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-Finaprene-507-Styrene-Butadiene-TPE-Copolymer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	Finaprene 2602 Test
Melt Flow	7.5 g/10 min @Load 5.00 kg, Temperature 190 °C	7.5 g/10 min @Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	69	69	Finaprene 1505 Test
Tensile Strength, Ultimate	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	200 %	200 %	ASTM D638

Chemical Properties	Metric	English	Comments
Styrene Content	27 %	27 %	Finaprene 1004 Test
Butadiene Content	73 %	73 %	Finaprene 1004 Test

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