

Total Finaprene® 602 Styrene-Butadiene TPE Copolymer Compound, Formulated to 61 Shore A (discontinued **)

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

Material Notes:

Styrene-Butadiene Copolymer Description: Finaprene® 602 is a thermoplastic elastomer type radial styrene-butadiene block copolymer. Thanks to its broad molecular weight distribution, Finaprene® 602 provides good fluidity properties to the compound while keeping good mechanical properties. **Applications:** Thanks to its very high crumb porosity Finaprene® 602 is designed for the compounding industry. This crumb shape, along with the broad molecular weight distribution confer a quick oil absorption to the polymer and lead to the production of fluid compounds. This fluidity will enhance the surface aspect of the injected article. The structure of 602 is n = 2, 3, 4, 5. **Additional Notes:** DIN Abrasion: 150 mm³ 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-602-Styrene-Butadiene-TPE-Copolymer-Compound-Formulated-to-61-Shore-A-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.9737 g/cc	0.03518 lb/in³	Finaprene 2602 Test
Melt Flow	24 g/10 min @Load 5.00 kg, Temperature 190 °C	24 g/10 min @Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	Finaprene 1505 Test
Tensile Strength, Ultimate	6.30 MPa	914 psi	ASTM D638
Elongation at Break	510 %	510 %	ASTM D638
300% Modulus	0.00470 GPa	0.682 ksi	
Tear Strength	28.9 kN/m	165 pli	
Abrasion	150	150	mm³; DIN Abrasion

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