

## Total Finaprene® 602 Styrene-Butadiene TPE Copolymer Compound, Formulated to 57 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. Content of the compound for which the listed properties apply: F484: 0F435: 45F411x: 25F602: 30F507: 12.5GPPS: 35HIPS: 00il: 55CaCO3: 15Additional Notes: DIN Abrasion: 185 mm<sup>3</sup>Data 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-57-Shore-A-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Total-Finaprene-602-Styrene-Butadiene-TPE-Copolymer-Compound-Formulated-to-57-Shore-A-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.9852 g/cc	0.03559 lb/in <sup>3</sup>	Finaprene 2602 Test
Melt Flow	46 g/10 min @Load 5.00 kg, Temperature 190 °C	46 g/10 min @Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	57	57	Finaprene 1505 Test
Tensile Strength, Ultimate	5.70 MPa	827 psi	ASTM D638
Elongation at Break	485 %	485 %	ASTM D638
300% Modulus	0.00440 GPa	0.638 ksi	
Tear Strength	27.2 kN/m	155 pli	
Abrasion	185	185	mm <sup>3</sup> ; DIN Abrasion

## Contact Songhan Plastic Technology Co.,Ltd.

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