

## Total Finaprene® 435 Styrene-Butadiene TPE Copolymer Compounded to 56 MFI (discontinued \*\*)

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

### Material Notes:

**Styrene-Butadiene Copolymer Description:** Finaprene® is a thermoplastic elastomer type radial styrene-butadiene block copolymer. Thanks to its medium molecular weight, Finaprene® 435 provides excellent mechanical properties and abrasion resistance to the compound along with a good fluidity. **Applications:** Thanks to its very high crumb porosity Finaprene® 435 is designed for the compounding industry. This crumb shape, along with the medium molecular weight confer a quick and important oil absorption capacity to the polymer and lead to the production of high quality compounds with good MFI. Content of the compound for which the listed properties apply: F484: 120F435: 20Oil: 39GPPS: 20HIPS: 20CaCO3: 15 **Additional Notes:** DIN Abrasion: 190 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-435-Styrene-Butadiene-TPE-Copolymer-Compounded-to-56-MFI-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Total-Finaprene-435-Styrene-Butadiene-TPE-Copolymer-Compounded-to-56-MFI-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Viscosity Measure	14 cSt	14 cSt	Toluene Solution; Finaprene 1008 Test
Melt Flow	56 g/10 min @Load 5.00 kg, Temperature 190 °C	56 g/10 min @Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	Finaprene 1505 Test
Tensile Strength, Ultimate	5.30 MPa	769 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
300% Modulus	0.00390 GPa	0.566 ksi	
Tear Strength	22.5 kN/m	128 pli	
Abrasion	190	190	mm <sup>3</sup> ; DIN Abrasion

## Contact Songhan Plastic Technology Co.,Ltd.

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