

## Total Finaprene® 435 Styrene-Butadiene TPE Copolymer Compounded to 79 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: 135F435: 10Oil: 37GPPS: 20HIPS: 20CaCO3: 15Additional Notes: DIN Abrasion: 220 mm³Data 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-79-MFI-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Total-Finaprene-435-Styrene-Butadiene-TPE-Copolymer-Compounded-to-79-MFI-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Viscosity Measure	14 cSt	14 cSt	Toluene Solution; Finaprene 1008 Test
Melt Flow	79 g/10 min @Load 5.00 kg, Temperature 190 °C	79 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	5.40 MPa	783 psi	ASTM D638
Elongation at Break	540 %	540 %	ASTM D638
300% Modulus	0.00380 GPa	0.551 ksi	
Tear Strength	20.0 kN/m	114 pli	
Abrasion	220	220	mm³; DIN Abrasion

## Contact Songhan Plastic Technology Co.,Ltd.

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