

Total Finaprene® 411x Styrene-Butadiene TPE Copolymer Compounded to 59 Shore A (discontinued **)

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

Material Notes:

Styrene-Butadiene Copolymer Description: Finaprene® 411x is a thermoplastic elastomer type radial styrene-butadiene block copolymer. Thanks to its high molecular weight, Finaprene® 411x provides excellent mechanical and elastic properties to compound. Applications: Thanks to its high molecular weight Finaprene® 411x is designed for the compounding industry. This crumb shape, along with the high molecular weight confer a quick and important oil absorption capacity to the polymer and lead to the production of economical compounds while keeping good mechanical properties. Content of the compound for which the listed properties apply: F484: 81F435: 36F411X: 100 Oil: 40GPPS: 20HIPS: 20CaCO3: 15 Additional Notes: DIN Abrasion: 195 mm³ Rossflex 100%: 40000 cycles Rossflex 300%: 75000 cycles Rossflex 500%: 117000 cycles 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-411x-Styrene-Butadiene-TPE-Copolymer-Compounded-to-59-Shore-A-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Viscosity Measure	25 cSt	25 cSt	Toluene Solution; Finaprene 1008 Test
Melt Flow	45 g/10 min @Load 5.00 kg, Temperature 190 °C	45 g/10 min @Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	59	59	Finaprene 1505 Test
Tensile Strength, Ultimate	5.10 MPa	740 psi	ASTM D638
Elongation at Break	3.9 %	3.9 %	unusually low elongation - error in manufacturer testing?; ASTM D638
Flex Crack Resistance	40000	40000	cycles per Rossflex 100%
	75000	75000	cycles per Rossflex 300%
	117000	117000	cycles per Rossflex 500%
Abrasion	195	195	mm ³ ; DIN Abrasion

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China