Total Finaprene® 602D Clear Impact Polystyrene (discontinued **)

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

Finaprene® 602D is a clear high styrenic styrene-butadiene (SBS) block copolymer with a radial structure, which is widely used as modifiers or in alloys with many plastic resins, such polystyrene, polypropylene, polyethylene, polyester, etc. Especially the impact strength, the elongation and the flexibility of those plastic resins can be improved. Finaprene® 602D acts also as compatibilizer between various plastics, e.g. polyolefins and polystyrenes. The compatibilizing properties can therefore be used in recycling of mixed plastics waste.ApplicationIn blend with Finaclear® polymer and crystal polystyrene, Finaprene® 602D is used as additive to improve the impact strength of the blend while retaining good clarity.Information 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-602D-Clear-Impact-Polystyrene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Bulk Density	0.600 g/cc	0.0217 lb/in³	ASTM D1895B
Density	0.960 g/cc	0.0347 lb/in³	Finaprene 2602 Method
Melt Index of Compound	8.5 g/10 min @Load 5.00 kg, Temperature 200 °C	8.5 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238G

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	<= 800 %	<= 800 %	ASTM D638

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Chemical Properties	Metric	English	Comments
Styrene Content	40 %	40 %	Finaprene 1004 Method
Butadiene Content	60 %	60 %	Finaprene 1004 Method

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