

Total Finathene® 53140 HDPE, blow molding, sheet (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

Finathene® 53140 is a high density polyethylene produced by the slurry loop low pressure polymerization process FINATHENE® 53140 has been especially developed for the manufacturing of blow molded bottles for aggressive liquids and the extrusion and thermoforming of sheets. This resin offers an optimal balance of processing and end-use characteristics in terms of resistance to environmental stress cracking and stiffness. Finathene® 53140 is best processed at temperatures between 180 and 220°C. 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-Finathene-53140-HDPE-blow-molding-sheet-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.953 g/cc	0.0344 lb/in ³	ISO 1183
Environmental Stress Crack Resistance	150 hour	150 hour	ASTM D1693-70
Melt Flow	0.15 g/10 min @Load 2.16 kg	0.15 g/10 min @Load 4.76 lb	ISO 1133
High Load Melt Index	14 g/10 min @Load 21.6 kg	14 g/10 min @Load 47.6 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	37.0 MPa	5370 psi	ISO 527
Tensile Strength, Yield	27.0 MPa	3920 psi	ISO 527
Elongation at Break	>= 700 %	>= 700 %	ISO 527
Elongation at Yield	9.0 %	9.0 %	ISO 527
Flexural Modulus	1.25 GPa	181 ksi	ISO 178
Tensile Impact Strength	100 kJ/m ²	47.6 ft-lb/in ²	Notched, -30°C; ISO 8256
	200 kJ/m ²	95.2 ft-lb/in ²	Notched, 23°C; ISO 8256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	127 °C	261 °F	ISO 306

Descriptive Properties	Value	Comments
------------------------	-------	----------

Food Approval Descriptive Properties	Value This material complies with the main regulations concerning non-toxicity of plastics materials in contact with food stuffs.	Comments
--	---	----------

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