

Total MS 201 B N HDPE blow molding

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

Material Notes:

FINATHENE® MS 201 B N is a high density polyethylene produced by a low pressure slurry polymerization process. FINATHENE® MS 201 B N has been developed for the blow molding of Plastic Fuel Tanks and automotive technical parts. Information provided provided by Total Petrochemicals. Total Petrochemicals acquired former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-MS-201-B-N-HDPE-blow-molding.php

Physical Properties	Metric	English	Comments
Density	0.949 g/cc	0.0343 lb/in ³	ISO 1183
Environmental Stress Crack Resistance	>= 360 hour	>= 360 hour	ASTM D1693 cond. B 100% Igepal
Thermal Stress Crack Resistance	>= 250 hour	>= 250 hour	ASTM D 1693
High Load Melt Index	8.0 g/10 min @Load 21.6 kg	8.0 g/10 min @Load 47.6 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.0 MPa	3480 psi	ISO 527
Elongation at Break	>= 600 %	>= 600 %	ISO 527
Flexural Modulus	1.10 GPa	160 ksi	ISO 178
Izod Impact, Notched	6.41 J/cm @Thickness 3.17 mm	12.0 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	127 °C	260 °F	ASTM D3417

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