

Total ESD 201 B HDPE blow molding

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

Material Notes:

FINATHENE® ESD 201 B is a black conductive compound manufactured from high performance Finathene high density polyethylene. The use of this HDPE compound gives outstanding compatibility to (semi) high molecular weight, high density polyethylene and assures smooth processing on typical machines used in the industry. FINATHENE® ESD 201B has been developed for the production of high performance industrial parts, intended for use in explosive/hazardous atmospheres. 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-ESD-201-B-HDPE-blow-molding.php

Physical Properties	Metric	English	Comments
Density	0.995 g/cc	0.0359 lb/in ³	ISO 1183
Environmental Stress Crack Resistance	>= 250 hour	>= 250 hour	ASTM D1693-70
Melt Flow	4.5 g/10 min @Temperature 190 °C	4.5 g/10 min @Temperature 374 °F	High Load; ISO 1133

Mechanical Properties	Metric	English	Comments
Flexural Modulus	1.20 GPa	174 ksi	ISO 178

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 10000 ohm-cm	<= 10000 ohm-cm	
Surface Resistance	<= 10000 ohm	<= 10000 ohm	

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