

Global J-2308 High Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Description-industrial injection grade w/ UV stabilizer, good for high impact strengthApplications-high quality industrial products, outdoor applications such as pallets & cratesInformation provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-J-2308-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.962 g/cc	0.0348 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	8.0 hour	8.0 hour	ASTM D1693
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 190 °C	6.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	63	63	ASTM D2240
Tensile Strength, Ultimate	19.6 MPa	2840 psi	ASTM D638
Tensile Strength, Yield	25.5 MPa	3700 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Flexural Modulus	0.981 GPa	142 ksi	Olsen Stiffness; ASTM D747
Izod Impact, Notched	0.392 J/cm	0.735 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	121 °C	250 °F	ASTM D2117
Vicat Softening Point	127 °C	261 °F	ASTM D1525

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