

## Global J-2208 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-2208-High-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Global-J-2208-High-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.962 g/cc	0.0348 lb/in <sup>3</sup>	ASTM D1505
Environmental Stress Crack Resistance	4.0 hour	4.0 hour	ASTM D1693
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 190 °C	4.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	66	66	ASTM D2240
Tensile Strength, Ultimate	16.7 MPa	2420 psi	ASTM D638
Tensile Strength, Yield	32.4 MPa	4690 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Flexural Modulus	1.08 GPa	156 ksi	Olsen Stiffness; ASTM D747
Izod Impact, Notched	0.490 J/cm	0.918 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	134 °C	273 °F	ASTM D2117
Vicat Softening Point	124 °C	255 °F	ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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