

Global J-1600 High Density Polyethylene

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

Material Notes:

Description-suitable for injection molding Applications-household products, handy craft flowers, toys, stationary Information provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-J-1600-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.958 g/cc	0.0346 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	2.0 hour	2.0 hour	ASTM D1693
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 190 °C	12 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength, Ultimate	19.6 MPa	2840 psi	ASTM D638
Tensile Strength, Yield	28.4 MPa	4120 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Flexural Modulus	0.981 GPa	142 ksi	Olsen Stiffness; ASTM D747
Izod Impact, Notched	0.196 J/cm	0.367 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	131 °C	268 °F	ASTM D2117
Vicat Softening Point	122 °C	252 °F	ASTM D1525

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