

Global MB-6366 High Density Polyethylene

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

Material Notes:

Description-high density for high quality, excellent creep & chemical resistance
 Applications-drinking water pipe, industrial pipe, sewer pipe
 Information provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-MB-6366-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.961 g/cc	0.0347 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	2000 hour	2000 hour	ASTM D1693
Carbon Black Loading	2.0 %	2.0 %	ASTM D4218
Melt Flow	0.060 g/10 min	0.060 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 Â°C	@Load 4.76 lb, Temperature 374 Â°F	
	0.40 g/10 min	0.40 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 190 Â°C	@Load 11.0 lb, Temperature 374 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	62	62	ASTM D2240
Tensile Strength, Ultimate	29.4 MPa	4270 psi	ASTM D638
Tensile Strength, Yield	22.6 MPa	3270 psi	ASTM D638
Elongation at Break	600 %	600 %	ASTM D638
Flexural Modulus	0.785 GPa	114 ksi	Olsen Stiffness; ASTM D747
Izod Impact, Notched	3.92 J/cm	7.35 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	128 Â°C	262 Â°F	ASTM D2117
Vicat Softening Point	122 Â°C	252 Â°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