

## Global F-7000 High Density Polyethylene

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

### Material Notes:

Description-high quality is suitable for blown film @wide range of size & thickness Applications-large & small rolled film, shopping bag, merchant bag, disposal waste bag  
Information provided by Global Polymers Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Global-F-7000-High-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Global-F-7000-High-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.956 g/cc	0.0345 lb/in <sup>3</sup>	ASTM D1505
Environmental Stress Crack Resistance	400 hour	400 hour	ASTM D1693
Melt Flow	0.040 g/10 min @Load 2.16 kg, Temperature 190 °C	0.040 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	64	64	ASTM D2240
Tensile Strength, Ultimate	38.2 MPa	5550 psi	ASTM D638
Tensile Strength, Yield	27.5 MPa	3980 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Flexural Modulus	0.981 GPa	142 ksi	Olsen Stiffness; ASTM D747
Izod Impact, Notched	2.94 J/cm	5.51 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	131 °C	268 °F	ASTM D2117
Vicat Softening Point	124 °C	255 °F	ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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