

## Axion Polymers Axpoly® HDPE12 1000 High Purity Molding

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polyethylene (PE) , HDPE

### Material Notes:

Produced from 100% post-consumer raw materials, this product fits closely with Axion's other recycled resin grades and offers the same set of user benefits, including:  
Successfully replaces virgin resin  
Huge savings in CO2 impact  
Appeals to 'greener' customers  
Cost-down on raw material  
Information provided by Axion Recycling

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Axion-Polymers-Axpoly-HDPE12-1000-High-Purity-Molding.php](http://www.lookpolymers.com/polymer_Axion-Polymers-Axpoly-HDPE12-1000-High-Purity-Molding.php)

Physical Properties	Metric	English	Comments
Density	0.947 g/cc	0.0342 lb/in <sup>3</sup>	
Particle Size	3000 µm	3000 µm	Pellet Size
Melt Index of Compound	0.18 g/10 min @Load 5.00 kg, Temperature 190 °C	0.18 g/10 min @Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	
Elongation at Break	37 %	37 %	
Izod Impact, Unnotched (ISO)	83.0 kJ/m <sup>2</sup>	39.5 ft-lb/in <sup>2</sup>	

Descriptive Properties	Value	Comments
Visual Appearance	Blue, cylindrical pellet	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China