

Axion Polymers Axpoly® HDPE21 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-HDPE21-1000-High-Purity-Molding.php

Physical Properties	Metric	English	Comments
Density	0.947 g/cc	0.0342 lb/in ³	
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 ²	39.5 ft-lb/in ²	

Descriptive Properties	Value	Comments
Visual Appearance	Natural	

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