

Reliance Industries PVAXX H60

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic

Material Notes:

The key property of all PVAXX polymer is this product's unique capacity to biodegrade into non-toxic residues under both aerobic and non-aerobic conditions. Information provided by Reliance Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Reliance-Industries-PVAXX-H60.php

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in ³	ASTM D792
Melt Flow	10.5 g/10 min @Load 2.16 kg, Temperature 210 °C	10.5 g/10 min @Load 4.76 lb, Temperature 410 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	98	98	ASTM D 785
Tensile Strength, Ultimate	11.5 MPa	1670 psi	ASTM D638
Tensile Strength, Yield	28.7 MPa	4160 psi	ASTM D368
Tensile Modulus	0.383 GPa	55.6 ksi	ASTM D638
Flexural Strength	20.2 MPa	2930 psi	2mm Deflection; ASTM D790
	43.0 MPa	6240 psi	ASTM D790
Flexural Modulus	2.18 GPa	316 ksi	ASTM D790
Izod Impact, Notched (ISO)	0.510 kJ/m ²	0.243 ft-lb/in ²	ASTM D256
Izod Impact, Unnotched (ISO)	4.33 kJ/m ²	2.06 ft-lb/in ²	ASTM D256
Charpy Impact Unnotched	0.306 J/cm ²	1.46 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	213 °C	415 °F	DSC Peak
Deflection Temperature at 1.8 MPa (264 psi)	69.0 - 75.0 °C	156 - 167 °F	ASTM D648
Vicat Softening Point	184 °C	363 °F	ASTM D1525
Oxygen Index	18 %	18 %	

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.00e+11 ohm-cm	3.00e+11 ohm-cm	
Surface Resistance	2.00e+14 ohm	2.00e+14 ohm	

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