

E-Polymers TEKAMID® JN910 PPE+PA66 10% Glass Fiber Reinforced PA/PPE Alloy

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled , Polyphenylene Ether/PPO , Polyphenylene Ether, 10% Glass Filled

Material Notes:

Polyamide (Nylon) Resin. TEKAMID is widely being used in manufacturing of automotive and industrial parts with its outstanding mechanical, thermal and chemical properties. JN-series: PA66/PPE, PA6/PPE alloy (Unreinforced, GF reinforced, MF reinforced) Information Provided by E-Polymers Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-TEKAMID-JN910-PPEPA66-10-Glass-Fiber-Reinforced-PAPPE-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	ASTM D792
Water Absorption	0.50 % @Time 86400 sec	0.50 % @Time 24.0 hour	
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	
Linear Mold Shrinkage, Transverse	0.0060 - 0.0080 cm/cm	0.0060 - 0.0080 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	94.176 MPa	13659 psi	ASTM D638
Elongation at Break	11 %	11 %	ASTM D638
Flexural Strength	163.14 MPa	23661 psi	ASTM D790
Flexural Modulus	4.1614 GPa	603.56 ksi	ASTM D790
Izod Impact, Notched	0.814 J/cm	1.52 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	245 °C	473 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	ASTM D648
Flammability, UL94	HB	HB	

Processing Properties	Metric	English	Comments
Melt Temperature	280 - 305 °C	536 - 581 °F	
Mold Temperature	75.0 - 120 °C	167 - 248 °F	

Processing Properties	Metric	English	Comments
-----------------------	--------	---------	----------

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