

E-Polymers TEKAMID® TA250G60 60% Glass Fiber Reinforced, High Modulus PA66 Resin

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 60% Glass Fiber 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.T-series: Impact modified, Super tough productsInformation Provided by E-Polymers Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-TEKAMID-TA250G60-60-Glass-Fiber-Reinforced-High-Modulus-PA66-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.60 g/cc	1.60 g/cc	ASTM D792
Water Absorption	0.40 % @Time 86400 sec	0.40 % @Time 24.0 hour	
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	
Linear Mold Shrinkage, Transverse	0.0070 cm/cm	0.0070 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength	216 MPa	31300 psi	ASTM D638
Elongation at Break	1.8 %	1.8 %	ASTM D638
Flexural Strength	324 MPa	47000 psi	ASTM D790
Flexural Modulus	16.7 GPa	2420 ksi	ASTM D790
Izod Impact, Notched	1.57 J/cm	2.94 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ASTM D2133
Deflection Temperature at 0.46 MPa (66 psi)	260 °C	500 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	252 °C	486 °F	ASTM D648
Flammability, UL94	HB	HB	

Processing Properties	Metric	English	Comments
Melt Temperature	280 - 310 °C	536 - 590 °F	
Mold Temperature	90.0 - 120 °C	194 - 248 °F	

Processing Properties	Metric	English	Comments
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Contact Songhan Plastic Technology Co.,Ltd.

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