

E-Polymers TEKAMID® TB120G60W , 62% Glass Fiber Reinforced PA6, DAM

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 60% Glass Fiber Filled

Material Notes:

High strength, weather resistance Information provided by E-Polymers Co. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-TEKAMID-TB120G60W-62-Glass-Fiber-Reinforced-PA6-DAM.php

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in ³	ASTM D792
Water Absorption	0.70 %	0.70 %	23°C/24 hr; ASTM D570
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	250 MPa	36300 psi	ASTM D638
Elongation at Break	2.8 %	2.8 %	ASTM D638
Flexural Yield Strength	350 MPa	50800 psi	ASTM D790
Flexural Modulus	15.0 GPa	2180 ksi	ASTM D790
Izod Impact, Notched	2.00 J/cm	3.75 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ASTM D2133
Deflection Temperature at 0.46 MPa (66 psi)	220 °C	428 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	215 °C	419 °F	ASTM D648
Flammability, UL94	HB	HB	

Processing Properties	Metric	English	Comments
Processing Temperature	270 - 300 °C	518 - 572 °F	
Mold Temperature	90.0 - 120 °C	194 - 248 °F	

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