

E-Polymers TEKAMID® TA210GM , GF/MF Reinforced PA66, DAM

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass/Mineral Filled

Material Notes:

GF/MF reinforced, Heat resistance, Low warpage Information provided by E-Polymers Co. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-TEKAMID-TA210GM-GFMF-Reinforced-PA66-DAM.php

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in ³	ASTM D792
Water Absorption	0.70 %	0.70 %	23°C/24 hr; ASTM D570
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D786
Tensile Strength, Yield	125 MPa	18100 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Yield Strength	190 MPa	27600 psi	ASTM D790
Flexural Modulus	7.00 GPa	1020 ksi	ASTM D790
Izod Impact, Notched	0.500 J/cm	0.937 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)	255 °C	491 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	240 °C	464 °F	ASTM D648
Flammability, UL94	HB	HB	

Processing Properties	Metric	English	Comments
Processing Temperature	280 - 300 °C	536 - 572 °F	
Mold Temperature	80.0 - 100 °C	176 - 212 °F	

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