

E-Polymers TEKAMID® TA250G45 , 45% Glass Fiber Reinforced PA66, DAM

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 50% Glass Fiber Filled

Material Notes:

45% Glass Fiber Reinforced, Good surfaceInformation provided by E-Polymers Co. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-TEKAMID-TA250G45-45-Glass-Fiber-Reinforced-PA66-DAM.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	ASTM D792
Water Absorption	0.50 %	0.50 %	23°C/24 hr; ASTM D570
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	123	123	ASTM D786
Tensile Strength, Yield	230 MPa	33400 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Yield Strength	310 MPa	45000 psi	ASTM D790
Flexural Modulus	13.0 GPa	1890 ksi	ASTM D790
Izod Impact, Notched	1.50 J/cm	2.81 ft-lb/in	ASTM D256
Izod Impact, Unnotched	70.0 J/cm @Thickness 3.20 mm	131 ft-lb/in @Thickness 0.126 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	20.0 - 30.0 µm/m-°C @Temperature 20.0 °C	11.1 - 16.7 µin/in-°F @Temperature 68.0 °F	ASTM D696
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)	260 °C	500 °F	ASTM D648
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Arc Resistance Electrical Properties	110 sec Metric	110 sec English	Tungsten electrode; ASTM D495 Comments
---	-------------------	--------------------	---

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

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