

Eurotec® Tecomid® NA40 KC50 BK111 PA6.6, 50% glass/carbon fiber reinforced, black

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Carbon Black + Glass Fiber Filled

Material Notes:

Information provided by Eurotec®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurotec-Tecomid-NA40-KC50-BK111-PA66-50-glasscarbon-fiber-reinforced-black.php

Physical Properties	Metric	English	Comments
Density	1.52 g/cc	0.0549 lb/in ³	ISO 1183
Moisture Absorption	1.30 % @Temperature 23.0 °C	1.30 % @Temperature 73.4 °F	50% RH; ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	230 MPa	33400 psi	ISO 527
Elongation at Break	2.0 %	2.0 %	ISO 527
Tensile Modulus	20.0 GPa	2900 ksi	ISO 527
Izod Impact, Notched (ISO)	13.0 kJ/m ² @Temperature 23.0 °C	6.19 ft-lb/in ² @Temperature 73.4 °F	ISO 180/1A

Thermal Properties	Metric	English	Comments
Melting Point	262 °C	504 °F	[10 K/min], ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	255 °C	491 °F	ISO 75
Flammability, UL94	HB @Thickness 0.750 mm	HB @Thickness 0.0295 in	
	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1e+05	1e+05	IEC 60093

Processing Properties	Metric	English	Comments
Processing Temperature	270 - 300 °C	518 - 572 °F	

Processing Properties	Metric	English	Comments
Mold Temperature	70.0 - 110 °C	158 - 230 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	2.00 - 4.00 hour	2.00 - 4.00 hour	
Moisture Content	<= 0.20 %	<= 0.20 %	ISO 960
Hold Pressure	50.0 - 100 MPa	7250 - 14500 psi	

Descriptive Properties	Value	Comments
Back Pressure	Low	
Injection Speed	Fast	

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