

Qualchem Danamid FGF-50 Polyamide 6, 50% Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Reinforced with glass fiber.Information provided by Qualchem Zrt.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Qualchem-Danamid-FGF-50-Polyamide-6-50-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.51 g/cc	0.0546 lb/in ³	DIN 53479
Filler Content	46 - 54 %	46 - 54 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	150 MPa	21800 psi	50 mm/min; ISO 527-1,2
Elongation at Break	4.0 %	4.0 %	ISO 527-1,2
Charpy Impact Unnotched	4.50 J/cm ² @Temperature 23.0 °C	21.4 ft-lb/in ² @Temperature 73.4 °F	DIN 53453

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	200 °C	392 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	190 °C	374 °F	DIN 53461
Flammability, UL94	HB @Thickness 4.00 mm	HB @Thickness 0.157 in	MSZ 10383

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	DIN 53482
Comparative Tracking Index	550 V	550 V	IEC 112

Processing Properties	Metric	English	Comments
Moisture Content	1.8 - 2.0 %	1.8 - 2.0 %	DIN 53714

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