

Qualchem Danamid AFCF-30 Polyamide 66, 30% Carbon Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Reinforced with carbon fiber, antistatic and conductive. Information provided by Qualchem Zrt.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Qualchem-Danamid-AFCF-30-Polyamide-66-30-Carbon-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	DIN 53479
Filler Content	28 - 32 %	28 - 32 %	
Linear Mold Shrinkage	0.010 - 0.015 cm/cm	0.010 - 0.015 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 200 MPa	>= 29000 psi	50 mm/min; ISO 527-1,2
Elongation at Break	3.0 %	3.0 %	ISO 527-1,2
Tensile Modulus	>= 20.0 GPa	>= 2900 ksi	ISO 527-1,2
Flexural Strength	>= 250 MPa	>= 36300 psi	10 mm/min; DIN 53452
Flexural Modulus	>= 10.0 GPa	>= 1450 ksi	DIN 53452
Charpy Impact Unnotched	>= 3.50 J/cm ² @Temperature 23.0 °C	>= 16.7 ft-lb/in ² @Temperature 73.4 °F	DIN 53453

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	130 °C	266 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	235 °C	455 °F	DIN 53461
Flammability, UL94	HB @Thickness 4.00 mm	HB @Thickness 0.157 in	MSZ 10383

Electrical Properties	Metric	English	Comments
Volume Resistivity	1000 ohm-cm	1000 ohm-cm	DIN 53482

Processing Properties	Metric	English	Comments
Moisture Content	1.3 - 2.0 %	1.3 - 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