

Qualchem Danamid FEW-25 Polyamide 6, 25% Mineral Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Filled with minerals Information provided by Qualchem Zrt.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Qualchem-Danamid-FEW-25-Polyamide-6-25-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	DIN 53479
Filler Content	23 - 27 %	23 - 27 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	50.0 MPa	7250 psi	50 mm/min; ISO 527-1,2
Tensile Modulus	3.40 GPa	493 ksi	ISO 527-1,2
Charpy Impact Unnotched	2.00 J/cm ² @Temperature 23.0 °C	9.52 ft-lb/in ² @Temperature 73.4 °F	DIN 53453

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	190 °C	374 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	80.0 °C	176 °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	500 V	500 V	IEC 112

Processing Properties	Metric	English	Comments
Moisture Content	2.0 - 2.2 %	2.0 - 2.2 %	DIN 53714

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