

## Qualchem Danamid FEW-30 Polyamide 6, 30% 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-30-Polyamide-6-30-Mineral-Filled.php](http://www.lookpolymers.com/polymer_Qualchem-Danamid-FEW-30-Polyamide-6-30-Mineral-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in <sup>3</sup>	DIN 53479
Filler Content	28 - 32 %	28 - 32 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	50 mm/min; ISO 527-1,2
Elongation at Break	4.0 %	4.0 %	ISO 527-1,2
Tensile Modulus	3.40 GPa	493 ksi	ISO 527-1,2
Charpy Impact Unnotched	3.00 J/cm <sup>2</sup> @Temperature 23.0 °C	14.3 ft-lb/in <sup>2</sup> @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

**Contact Songhan Plastic Technology Co.,Ltd.**

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