

Qualchem Danamid FELX0 Polyamide 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Flame retardant, halogen-free (V-0) Information provided by Qualchem Zrt.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Qualchem-Danamid-FELX0-Polyamide-6.php

Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in ³	DIN 53479

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	70.0 MPa	10200 psi	50 mm/min; ISO 527-1,2
Charpy Impact Unnotched	<= 1.00 J/cm ² @Temperature 23.0 °C	<= 4.76 ft-lb/in ² @Temperature 73.4 °F	DIN 53453

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-2 @Thickness 4.00 mm	V-2 @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	3.0 - 3.2 %	3.0 - 3.2 %	DIN 53714

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