

Polykemi AB SCANAMID 66.6 C22^E F Nylon 66/6, Modified

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66

Material Notes:

Information provided by Polykemi AB

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polykemi-AB-SCANAMID-666-C22E-F-Nylon-666-Modified.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	<= 75.0 MPa	<= 10900 psi	ISO/R527
Elongation at Yield	5.0 %	5.0 %	ISO/R527
Flexural Strength	<= 120 MPa	<= 17400 psi	ISO 178
Flexural Modulus	2.80 GPa @Temperature 23.0 °C	406 ksi @Temperature 73.4 °F	ISO 178
Charpy Impact, Notched	1.20 J/cm ² @Temperature 23.0 °C	5.71 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	195 °C	383 °F	120°C/h; ISO 75/1
Deflection Temperature at 1.8 MPa (264 psi)	67.0 °C	153 °F	120°C/h; ISO 75/1
Vicat Softening Point	>= 195 °C @Load 5.001 kg	>= 383 °F @Load 11.03 lb	50°C/h; ISO 306

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