

Nylene® Norpex® AX245 PPE (Polyphenylene Ether)

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Ether, Molded

Material Notes:

Properties for dry as molded samples. ALM, Nylene Canada, and Custom Resins are all operating companies of Polymeric Resources Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nylene-Norpex-AX245-PPE-Polyphenylene-Ether.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	49.0 MPa	7110 psi	ASTM D638
Flexural Yield Strength	71.0 MPa	10300 psi	ASTM D790
Flexural Modulus	2.30 GPa	334 ksi	ASTM D790
Izod Impact, Notched	2.40 J/cm	4.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	118 °C	244 °F	ASTM D648

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