

**Custom Resins Norpex® 300 PPE (Polyphenylene Ether) (discontinued \*\*)**

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

**Material Notes:**

Premium performance high heat. Properties for dry as molded samples.Data provided by the manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Custom-Resins-Norpex-300-PPE-Polyphenylene-Ether-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Custom-Resins-Norpex-300-PPE-Polyphenylene-Ether-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in <sup>3</sup>	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	76.0 MPa	11000 psi	ASTM D638
Flexural Yield Strength	104 MPa	15100 psi	ASTM D790
Flexural Modulus	2.40 GPa	348 ksi	ASTM D790
Izod Impact, Notched	4.70 J/cm	8.81 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	149 °C	300 °F	ASTM D648

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