

## Nylene® Norpex® AX225 HI PPE (Polyphenylene Ether), High Impact Grade

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Ether, Impact Grade

### 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-AX225-HI-PPE-Polyphenylene-Ether-High-Impact-Grade.php](http://www.lookpolymers.com/polymer_Nylene-Norpex-AX225-HI-PPE-Polyphenylene-Ether-High-Impact-Grade.php)

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 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	45.0 MPa	6530 psi	ASTM D638
Flexural Yield Strength	69.0 MPa	10000 psi	ASTM D790
Flexural Modulus	2.10 GPa	305 ksi	ASTM D790
Izod Impact, Notched	3.40 J/cm	6.37 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	107 °C	225 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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