

## Nylene® Naxel™ PC504 20% Glass Reinforced Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, 20% Glass Filled

### Material Notes:

Description: Naxel™ PC504 is a 20% glass fiber reinforced polycarbonate. Information provided by Custom Resins. 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-Naxel-PC504-20-Glass-Reinforced-Polycarbonate.php](http://www.lookpolymers.com/polymer_Nylene-Naxel-PC504-20-Glass-Reinforced-Polycarbonate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	
Melt Flow	8.0 g/10 min	8.0 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	89.6 MPa	13000 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Modulus	4.96 GPa	720 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm	1.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	138 °C	280 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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