

Nylene® Naxel™ PC502 10% Glass Reinforced Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, 10% Glass Filled

Material Notes:

Description: Naxel™ PC502 is a 10% glass fiber reinforced polycarbonate. PC502 is UL approved. 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-PC502-10-Glass-Reinforced-Polycarbonate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	
Melt Flow	8.0 g/10 min	8.0 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	60.7 MPa	8800 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Flexural Modulus	3.03 GPa	440 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	129 °C	265 °F	ASTM D648

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