

Nylene® Naxel™ PC40CV Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Molded

Material Notes:

Description: Naxel™ PC40CV is a 17 melt, virgin, general purpose 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-PC40CV-Polycarbonate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	
Melt Flow	17 g/10 min	17 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	60.7 MPa	8800 psi	ASTM D638
Elongation at Break	110 %	110 %	ASTM D638
Flexural Modulus	2.34 GPa	340 ksi	ASTM D790
Izod Impact, Notched	6.94 J/cm	13.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	127 °C	260 °F	ASTM D648

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