

Nylene® Naxel™ PC35CV Polycarbonate

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

Material Notes:

Description: Naxel™ PC35CV is a 12 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-PC35CV-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	12 g/10 min	12 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	61.4 MPa	8900 psi	ASTM D638
Elongation at Break	120 %	120 %	ASTM D638
Flexural Modulus	2.31 GPa	335 ksi	ASTM D790
Izod Impact, Notched	8.01 J/cm	15.0 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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