

Novatec Novacycle® 501 PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Extruded

Material Notes:

Novacycle® 501 is a general purpose, rigid, extrusion grade PVC compound in pellet form. This formulation is designed to provide an economical alternative for extruded profiles Raw material appearance is Opaque Pellets. Applications: Novacycle® 501 is used for extruded profiles. Information supplied by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Novatec-Novacycle-501-PVC.php

Physical Properties	Metric	English	Comments
Density	1.33 - 1.37 g/cc	0.0480 - 0.0495 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	36.5 - 44.1 MPa	5290 - 6400 psi	ASTM D638
Modulus of Elasticity	2.21 - 2.90 GPa	321 - 421 ksi	ASTM D638
Flexural Yield Strength	75.8 - 82.7 MPa	11000 - 12000 psi	ASTM D790
Flexural Modulus	2.07 - 2.90 GPa	300 - 421 ksi	ASTM D790
Izod Impact, Notched	1.07 - 7.47 J/cm	2.00 - 14.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	64.0 - 68.0 °C	147 - 154 °F	ASTM D648

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