

PolyOne Novablend™ 2677 Polyvinyl Chloride, Rigid (PVC, Rigid)

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Rigid Grade

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Novablend-2677-Polyvinyl-Chloride-Rigid-PVC-Rigid.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.36 g/cc	1.36 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.7 MPa	7500 psi	Type I, 5.1 mm/min; ASTM D638
Tensile Modulus	3.10 GPa	450 ksi	Type I, 5.1 mm/min; ASTM D638
Flexural Strength	82.7 MPa	12000 psi	ASTM D790
Flexural Modulus	2.76 GPa	400 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	1.20 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Injection Molded; ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	66.7 °C @Thickness 1.57 mm	152 °F @Thickness 0.0618 in	Annealed; ASTM D648

Descriptive Properties	Value	Comments
Appearance	Clear/Transparent	
Features	Excellent Printability	
	Good UV Resistance	
	High Gloss	
Forms	Pellets	
Generic Material	PVC, Rigid	
Generic Name	Polyvinyl Chloride, Rigid (PVC, Rigid)	
Regional Availability	North America	
Uses	Film	

Descriptive Properties	Value General Purpose	Comments
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Contact Songhan Plastic Technology Co.,Ltd.

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