

PolyOne Geon™ Vinyl Rigid Extrusion L1361 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-Geon-Vinyl-Rigid-Extrusion-L1361-Polyvinyl-Chloride-Rigid-PVC-Rigid.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	81	81	15 sec; ASTM D2240
Tensile Strength, Yield	50.5 MPa	7320 psi	Type I, 5.1 mm/min; ASTM D638
Tensile Modulus	2.83 GPa	410 ksi	Type I, 5.1 mm/min; ASTM D638
Flexural Strength	104 MPa	15100 psi	ASTM D790
Flexural Modulus	2.90 GPa	421 ksi	ASTM D790
Izod Impact, Notched	0.510 J/cm @Thickness 3.18 mm, Temperature -40.0 °C	0.955 ft-lb/in @Thickness 0.125 in, Temperature -40.0 °F	Compression Molded; ASTM D256A
Dart Drop Total Energy	62.3 J/cm @Temperature 23.0 °C	0.117 ft-lb/mil @Temperature 73.4 °F	Procedure A, C.125; ASTM D4226
	133 J/cm @Temperature 23.0 °C	0.249 ft-lb/mil @Temperature 73.4 °F	Procedure B, C.125; ASTM D4226

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	52.0 µm/m-°C	28.9 µin/in-°F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C @Thickness 3.18 mm	158 °F @Thickness 0.125 in	Unannealed; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 193 °C	360 - 379 °F	

Descriptive Properties	Value	Comments
------------------------	-------	----------

Descriptive Properties	Value	Comments
	NSF Type I	
Ease of Sizing	Good	
Features	Good Chemical Resistance	
Forms	Pellets	
Generic Material	PVC, Rigid	
Generic Name	Polyvinyl Chloride, Rigid (PVC, Rigid)	
Processing Method	Extrusion	
PVC Cell Classification	12454	ASTM D1784
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Piping	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China