

PolyOne Geon™ Vinyl Rigid Extrusion 87768 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-87768-Polyvinyl-Chloride-Rigid-PVC-Rigid.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	81	81	15 sec; ASTM D2240
Tensile Strength, Yield	56.1 MPa	8140 psi	Type I, 5.1 mm/min; ASTM D638
Tensile Modulus	2.65 GPa	384 ksi	Type I, 5.1 mm/min; ASTM D638
Flexural Strength	99.9 MPa	14500 psi	ASTM D790
Flexural Modulus	3.33 GPa	483 ksi	ASTM D790
Izod Impact, Notched	3.70 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	6.93 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Compression Molded; ASTM D256A
Dart Drop Total Energy	44.5 J/cm @Temperature 23.0 °C	0.0834 ft-lb/mil @Temperature 73.4 °F	Procedure A, C.125; ASTM D4226

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	67.0 µm/m-°C	37.2 µin/in-°F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	57.8 °C @Thickness 3.18 mm	136 °F @Thickness 0.125 in	Unannealed; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	179 °C	354 °F	

Descriptive Properties	Value	Comments
Features	High Gloss	
Forms	Pellets	

Descriptive Properties	Value	Comments
Generic Name	Polyvinyl Chloride, Rigid (PVC, Rigid)	
Processing Method	Coextrusion	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Capstock	
	Vertical Blinds	

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