

PolyOne Geon™ Vinyl Dry Blend E1354 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-Dry-Blend-E1354-Polyvinyl-Chloride-Rigid-PVC-Rigid.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.6 MPa	7050 psi	Type I, 5.1 mm/min; ASTM D638
Tensile Modulus	2.82 GPa	409 ksi	Type I, 5.1 mm/min; ASTM D638
Flexural Strength	95.1 MPa	13800 psi	ASTM D790
Flexural Modulus	3.23 GPa	468 ksi	ASTM D790
Izod Impact, Notched	0.370 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	0.693 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Compression Molded; ASTM D256A
Dart Drop Total Energy	53.4 J/cm @Temperature 23.0 °C	0.100 ft-lb/mil @Temperature 73.4 °F	Procedure A, C.125; ASTM D4226
	169 J/cm @Temperature 23.0 °C	0.317 ft-lb/mil @Temperature 73.4 °F	Procedure B, C.125; ASTM D4226

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	58.0 µm/m-°C	32.2 µin/in-°F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C @Thickness 3.18 mm	167 °F @Thickness 0.125 in	Unannealed; ASTM D648

Descriptive Properties	Value	Comments
Agency Ratings	CSA Unspecified Rating	
	NSF 14	
	NSF 61	
	NSF Type I	

Descriptive Properties	Value	Comments
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