

## PolyOne Geon™ Vinyl Packaging M2288 Polyvinyl Chloride, Rigid (PVC, Rigid)

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

### Material Notes:

Opaque sheet extrusion compound. Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Geon-Vinyl-Packaging-M2288-Polyvinyl-Chloride-Rigid-PVC-Rigid.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Packaging-M2288-Polyvinyl-Chloride-Rigid-PVC-Rigid.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	ASTM D2240
Tensile Strength, Yield	48.6 MPa	7050 psi	Type I, 51 mm/min; ASTM D638
Tensile Modulus	2.59 GPa	376 ksi	Type I, 51 mm/min; ASTM D638
Flexural Strength	84.5 MPa	12300 psi	ASTM D790
Flexural Modulus	2.76 GPa	400 ksi	ASTM D790
Izod Impact, Notched	7.20 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	13.5 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)	66.1 °C @Thickness 6.35 mm	151 °F @Thickness 0.250 in	Unannealed; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	199 - 210 °C	390 - 410 °F	

Descriptive Properties	Value	Comments
Agency Ratings	FDA Food Contact, Unspecified Rating	
Features	High Gloss	
	High Impact Resistance	
Forms	Pellets	
Generic Material	PVC, Rigid	

Generic Name Descriptive Properties	Polyvinyl Chloride, Rigid (PVC, Rigid) Value	Comments
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Packaging	
	Sheet	

## Contact Songhan Plastic Technology Co.,Ltd.

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