

## PolyOne Geon™ Vinyl Packaging VB7 White 215 Polyvinyl Chloride, Rigid (PVC, Rigid)

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

### Material Notes:

A rigid PVC Compound designed for extrusion blow molding balusters for railings. Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Geon-Vinyl-Packaging-VB7-White-215-Polyvinyl-Chloride-Rigid-PVC-Rigid.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Packaging-VB7-White-215-Polyvinyl-Chloride-Rigid-PVC-Rigid.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.43 g/cc	1.43 g/cc	ASTM D792
Density	0.863 g/cc	0.0312 lb/in <sup>3</sup>	ASTM D1505

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	ASTM D2240
Tensile Strength, Yield	44.5 MPa	6450 psi	Type I, 5.1 mm/min; ASTM D638
Flexural Strength	78.6 MPa	11400 psi	ASTM D790
Flexural Modulus	2.69 GPa	390 ksi	ASTM D790
Izod Impact, Notched	12.0 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	22.5 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Injection Molded; ASTM D256A

Processing Properties	Metric	English	Comments
Mold Temperature	193 - 210 °C	379 - 410 °F	Blow Molding

Descriptive Properties	Value	Comments
Features	General Purpose	
	Medium Impact Resistance	
Forms	Pellets	
Generic Material	PVC, Rigid	
Generic Name	Polyvinyl Chloride, Rigid (PVC, Rigid)	
Processing Method	Profile Extrusion	
Regional Availability	Africa & Middle East	
	Asia Pacific	

Descriptive Properties	Value	Comments
	Europe	
	North America	
	South America	
Uses	General Purpose	

## Contact Songhan Plastic Technology Co.,Ltd.

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