

## PolyOne Geon™ Vinyl Packaging VEO-184 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-Packaging-VEO-184-Polyvinyl-Chloride-Rigid-PVC-Rigid.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Packaging-VEO-184-Polyvinyl-Chloride-Rigid-PVC-Rigid.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792
Density	0.801 g/cc	0.0289 lb/in <sup>3</sup>	ASTM D1505

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	83	83	ASTM D2240
Tensile Strength, Yield	52.4 MPa	7600 psi	Type I, 5.1 mm/min; ASTM D638
Flexural Strength	75.8 MPa	11000 psi	ASTM D790
Flexural Modulus	1.41 GPa	205 ksi	ASTM D790
Izod Impact, Notched	10.0 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	18.7 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Injection Molded; ASTM D256A

Optical Properties	Metric	English	Comments
Transmission, Visible	82 % @Thickness 0.851 mm, Wavelength 700 nm	82 % @Thickness 0.0335 in, Wavelength 700 nm	Internal Method

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

Descriptive Properties	Value	Comments
Appearance	Clear/Transparent	
Features	General Purpose	
	High Gloss	
	Medium Impact Resistance	
Forms	Pellets	

Descriptive Properties	Value	Comments
Generic Name	Polyvinyl Chloride, Rigid (PVC, Rigid)	
Processing Method	Profile Extrusion	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	General Purpose	
	Packaging	

## Contact Songhan Plastic Technology Co.,Ltd.

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