

## PolyOne Geon™ Vinyl Packaging 2710 Amber 9375 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-2710-Amber-9375-Polyvinyl-Chloride-Rigid-PVC-Rigid.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Packaging-2710-Amber-9375-Polyvinyl-Chloride-Rigid-PVC-Rigid.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D792
Density	0.833 g/cc	0.0301 lb/in <sup>3</sup>	ASTM D1505

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	ASTM D2240
Tensile Strength, Yield	48.5 MPa	7030 psi	Type I, 5.1 mm/min; ASTM D638
Tensile Modulus	2.53 GPa	367 ksi	Type I, 5.1 mm/min; ASTM D638
Flexural Strength	82.7 MPa	12000 psi	ASTM D790
Flexural Modulus	2.80 GPa	406 ksi	ASTM D790
Izod Impact, Notched	1.20 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	2.25 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)	19.4 °C @Thickness 3.18 mm	66.9 °F @Thickness 0.125 in	Unannealed; ASTM D648

Optical Properties	Metric	English	Comments
Transmission, Visible	39.5 % @Thickness 0.762 mm, Wavelength 700 nm	39.5 % @Thickness 0.0300 in, Wavelength 700 nm	Internal Method

Descriptive Properties	Value	Comments
Additive	UV Stabilizer	
Appearance	Amber	

Descriptive Properties	Clear/Transparent Value	Comments
Features	General Purpose	
	High Flow	
	High Gloss	
	High Impact Resistance	
Forms	Pellets	
Generic Material	PVC, Rigid	
Generic Name	Polyvinyl Chloride, Rigid (PVC, Rigid)	
Processing Method	Injection Blow Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Cosmetic Packaging	
	General Purpose	

## Contact Songhan Plastic Technology Co.,Ltd.

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