

PolyOne Geon™ Vinyl Packaging XPL 355GC 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-XPL-355GC-Polyvinyl-Chloride-Rigid-PVC-Rigid.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	77	77	ASTM D2240
Tensile Strength, Yield	49.4 MPa	7160 psi	Type I, 5.1 mm/min; ASTM D638
Elongation at Break	55 %	55 %	Type I, 5.1 mm/min; ASTM D638
Izod Impact, Notched	11.0 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	20.6 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Injection Molded; ASTM D256A

Processing Properties	Metric	English	Comments
Mold Temperature	199 - 207 °C	390 - 405 °F	Blow Molding

Descriptive Properties	Value	Comments
Agency Ratings	FDA Food Contact, Unspecified Rating	
Appearance	Clear/Transparent	
Features	Food Contact Acceptable	
	High Gloss	
	Medium Impact Resistance	
Forms	Pellets	
Generic Material	PVC, Rigid	
Generic Name	Polyvinyl Chloride, Rigid (PVC, Rigid)	
Processing Method	Blow Molding	
Regional Availability	Africa & Middle East	

Descriptive Properties	Value	Comments
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Bottles	
	Packaging	

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