

PolyOne Geon™ Vinyl Packaging XPL319 Polyvinyl Chloride, Rigid (PVC, Rigid)

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

Material Notes:

NOTE: All ingredients used in the formulation of this compound are listed in the United States FDA Code of Federal Regulations, Title 21. The only restriction is that the plasticizer is For foods of high water content only. This statement is only an overview of the FDA listings for this product. It is the customer's responsibility to ensure that the compound is suitable for its intended application. NOTE: Not to be used in packaging milk, malt beverages, or carbonated non alcoholic beverages. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Packaging-XPL319-Polyvinyl-Chloride-Rigid-PVC-Rigid.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	10 sec; ASTM D2240
Tensile Strength at Break	25.4 MPa	3680 psi	Type I, 5.1 mm/min; ASTM D638
Tensile Strength, Yield	45.9 MPa	6660 psi	Type I, 5.1 mm/min; ASTM D638
Elongation at Break	82 %	82 %	Type I, 5.1 mm/min; ASTM D638

Descriptive Properties	Value	Comments
Agency Ratings	FDA Unspecified Rating	
Features	Radiation (Gamma) Resistant	
Forms	Pellets	
Generic Material	PVC, Rigid	
Generic Name	Polyvinyl Chloride, Rigid (PVC, Rigid)	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Medical Appliances	

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