

PolyOne Geon™ Vinyl Flexible XV3782 Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

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. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-XV3782-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.21 g/cc	1.21 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	10 sec; ASTM D2240
Tensile Strength at Break	17.7 MPa	2570 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	7.67 MPa @Strain 100 %	1110 psi @Strain 100 %	Type IV, 510 mm/min; ASTM D638
Elongation at Break	440 %	440 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-29.0 °C	-20.2 °F	ASTM D746

Descriptive Properties	Value	Comments
Agency Ratings	FDA Food Contact, Unspecified Rating	
	FDA Unspecified Rating	
Appearance	Clear/Transparent	
Features	Food Contact Acceptable	
	Radiation (Gamma) Resistant	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	

Descriptive Properties	Value	ion	Comments
	Injection Molding		
Regional Availability	Africa & Middle East		
	Asia Pacific		
	Europe		
	North America		
	South America		
Uses	Hose		
	Medical Appliances		
	Tubing		

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