

PolyOne Geon™ Vinyl Flexible A7501 Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Recommended for interior applications. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-A7501-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	15 sec; ASTM D2240
	75	75	ASTM D2240
Tensile Strength at Break	13.8 MPa	2000 psi	510 mm/min; ASTM D638
Tensile Strength	5.86 MPa @Strain 100 %	850 psi @Strain 100 %	510 mm/min; ASTM D638
Elongation at Break	400 %	400 %	510 mm/min; ASTM D638
Tear Strength	43.8 kN/m	250 pli	Die C, 510 mm/min; ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-43.9 °C	-47.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	174 - 179 °C	345 - 354 °F	
	193 - 204 °C	379 - 399 °F	

Descriptive Properties	Value	Comments
Appearance	Clear/Transparent	
Features	General Purpose	
	High Gloss	
Forms	Pellets	
Generic Material	PVC, Flexible	

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

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