

PolyOne Geon™ Vinyl Flexible 86479 Natural Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-86479-Natural-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	76	76	15 sec; ASTM D2240
	84	84	ASTM D2240
Tensile Strength at Break	16.5 MPa	2390 psi	510 mm/min; ASTM D638
Tensile Strength	7.58 MPa @Strain 100 %	1100 psi @Strain 100 %	510 mm/min; ASTM D638
Elongation at Break	390 %	390 %	510 mm/min; ASTM D638
Tear Strength	61.3 kN/m	350 pli	Die C, 510 mm/min; ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-40.0 °C	-40.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	179 - 188 °C	354 - 370 °F	

Descriptive Properties	Value	Comments
Additive	Biocide	
	UV Stabilizer	
Appearance	Clear/Transparent	
Features	High Gloss	
	UV Absorbing	
Forms	Pellets	

Descriptive Properties <i>Generic Material</i>	Value <i>PVC, Flexible</i>	Comments
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Construction Applications	
	Film	
	Sheet	

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