

PolyOne Geon™ Vinyl Flexible B7D00 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-B7D00-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.45 g/cc	1.45 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	78	78	15 sec; ASTM D2240
Tensile Strength at Break	29.7 MPa	4310 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	180 %	180 %	Type IV, 510 mm/min; ASTM D638

Processing Properties	Metric	English	Comments
Melt Temperature	185 - 196 °C	365 - 385 °F	
	193 - 204 °C	379 - 399 °F	

Descriptive Properties	Value	Comments
Features	Medium Gloss	
Forms	Pellets	
Generic Material	PVC, Flexible	
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

Descriptive Properties	Fencing & Decking Value	Comments
General Purpose		

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