

PolyOne Geon™ Vinyl Flexible C6502 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-C6502-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	15 sec; ASTM D2240
	66	66	ASTM D2240
Tensile Strength at Break	8.27 MPa	1200 psi	510 mm/min; ASTM D638
Tensile Strength	3.45 MPa @Strain 100 %	500 psi @Strain 100 %	510 mm/min; ASTM D638
Elongation at Break	350 %	350 %	510 mm/min; ASTM D638

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

Processing Properties	Metric	English	Comments
Melt Temperature	168 - 174 °C	334 - 345 °F	
	188 - 199 °C	370 - 390 °F	

Descriptive Properties	Value	Comments
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
	Injection Molding	
Regional Availability	Africa & Middle East	

Descriptive Properties	Asia Pacific Value	Comments
	Europe	
	North America	
	South America	
Uses	Construction Applications	
	Piping	

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