

PolyOne Geon™ Vinyl Flexible 90250 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-90250-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.23 g/cc	1.23 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	58	58	15 sec; ASTM D2240
Tensile Strength at Break	10.5 MPa	1520 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	3.70 MPa @Strain 100 %	537 psi @Strain 100 %	Type IV, 510 mm/min; ASTM D638
Elongation at Break	400 %	400 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	31.5 kN/m	180 pli	Die C, 2 in/min; ASTM D1004

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-48.0 °C	-54.4 °F	ASTM D746

Descriptive Properties	Value	Comments
Features	General Purpose	
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	

Descriptive Properties	Value	Comments
Uses	Automotive Applications	
	Gaskets	
	General Purpose	
	Protective Coverings	
	Seals	

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