

PolyOne Geon™ Vinyl Flexible 90251 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-90251-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 g/cc	1.26 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	15 sec; ASTM D2240
	78	78	ASTM D2240
Tensile Strength at Break	13.0 MPa	1890 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	5.30 MPa	769 psi	Type IV, 510 mm/min; ASTM D638
	@Strain 100 %	@Strain 100 %	
Elongation at Break	430 %	430 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	42.0 kN/m	240 pli	Die C, 2 in/min; ASTM D1004

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-42.0 °C	-43.6 °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	

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

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