

PolyOne Geon™ Vinyl Flexible 90252 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-90252-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	80	80	15 sec; ASTM D2240
	88	88	ASTM D2240
Tensile Strength at Break	16.6 MPa	2410 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	7.90 MPa	1150 psi	Type IV, 510 mm/min; ASTM D638
	@Strain 100 %	@Strain 100 %	
Elongation at Break	400 %	400 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	64.0 kN/m	365 pli	Die C, 2 in/min; ASTM D1004

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-32.0 °C	-25.6 °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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