

## PolyOne Geon™ Vinyl Flexible 90072 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-90072-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-90072-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	88	88	15 sec; ASTM D2240
Tensile Strength at Break	19.5 MPa	2830 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	260 %	260 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	87.6 kN/m	500 pli	Die C, 2 in/min; ASTM D1004

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-28.0 °C	-18.4 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	177 - 188 °C	351 - 370 °F	

Descriptive Properties	Value	Comments
Appearance	Clear/Transparent	
Features	High Gloss	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Coextrusion	
	Extrusion	
Regional Availability	Africa & Middle East	
	Asia Pacific	

Descriptive Properties	Europe Value	Comments
	North America	
	South America	
Uses	Automotive Applications	

## Contact Songhan Plastic Technology Co.,Ltd.

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