

PolyOne Geon™ Vinyl Flexible 90453 Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Automotive OEM approval(s).Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-90453-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	15 sec; ASTM D2240
Tensile Strength at Break	16.0 MPa	2320 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	340 %	340 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	75.3 kN/m	430 pli	Die C, 510 mm/min; ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-8.00 °C	17.6 °F	ASTM D746

Descriptive Properties	Value	Comments
Cold Flexibility	Pass	GM 9503P; -29°C, 1.91 mm; 25 mm, 4 hr
Features	Low Gloss	
Fogging	87%	SAE J1756; 6 hrs, 203°F(95°C), 100°F(38°C), after 16 hours
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
	South America	
Uses	Automotive Applications	
	Automotive Interior Trim	

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