

PolyOne Geon™ Vinyl Flexible 90451 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-90451-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72	72	15 sec; ASTM D2240
Tensile Strength at Break	13.4 MPa	1940 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	350 %	350 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	56.0 kN/m	320 pli	Die C, 510 mm/min; ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-34.0 °C	-29.2 °F	ASTM D746
Flame Spread	0.00 mm/min	0.00 in/min	Automotive Burn Test; FMVSS 302

Descriptive Properties	Value	Comments
Automotive Specifications	SUBARU Unspecified	
Cold Flexibility	Pass	GM 9503P; -29°C, 1.91 mm; 25 mm, 4 hr
Features	Low Gloss	
Fogging	88%	SAE J1756; 6 hrs, 203°F(95°C), 100°F(38°C), after 16 hours
	90%	SAE J1756; 3 hrs, 212°F(100°C), 70°F(21°C), after 1 hour
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	

Descriptive Properties	Value	Comments
	Europe	
	North America	
	South America	
Uses	Automotive Applications	
	Automotive Interior Trim	
Xenon Weatherometer	Pass	SAE J1960; Interior, 602 kJ/m², All Colors, dE* < 3.0

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China