

PolyOne Geon™ Vinyl Flexible 90054 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-90054-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D792
Volatiles	0.42 %	0.42 %	Loss; Method A; ASTM D1203B
	@Thickness 1.91 mm, Temperature 105 °C	@Thickness 0.0752 in, Temperature 221 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84	84	15 sec; ASTM D2240
Tensile Strength at Break	12.8 MPa	1860 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	250 %	250 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	35.0 kN/m	200 pli	Die C, 2 in/min; ASTM D1004

Descriptive Properties	Value	Comments
Automotive Specifications	CHRYSLER MS-DC232	
	GM GMP.PVC.012	
Forms	Pellets	
Fungal Resistance	Pass	ASTM G21
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Low Temperature Flexibility	Pass	-30°C, 1.91 mm; 4 hr, 25 mm
Processing Method	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	

Descriptive Properties	Value	Comments
Uses	Automotive Applications Outdoor Applications	
Xenon Weatherometer	Pass	SAE J1960; Exterior, 2500 kJ/m ² , Black, 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