

PolyOne Geon™ Vinyl Flexible 82024 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-82024-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	46	46	15 sec; ASTM D2240
	52	52	ASTM D2240
Tensile Strength at Break	7.58 MPa	1100 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	2.07 MPa	300 psi	Type IV, 51 mm/min; ASTM D638
	@Strain 100 %	@Strain 100 %	
Elongation at Break	450 %	450 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	19.3 kN/m	110 pli	Die C, 510 mm/min; ASTM D624
Clash Berg Modulus	0.0138 GPa	2.00 ksi	ASTM D1043
	@Temperature -35.0 °C	@Temperature -31.0 °F	
	0.310 GPa	45.0 ksi	ASTM D1043
	@Temperature -55.0 °C	@Temperature -67.0 °F	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-60.0 °C	-76.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	160 - 168 °C	320 - 334 °F	

Descriptive Properties	Value	Comments
Automotive Specifications	CHRYSLER MS-DC225	
Features	General Purpose	
	Medium Gloss	

Descriptive Properties	Value	Comments
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	
	South America	
Uses	Automotive Applications	
	General Purpose	

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