

PolyOne Geon™ Vinyl Flexible 86143 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-86143-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	15 sec; ASTM D2240
Tensile Strength at Break	10.2 MPa	1480 psi	510 mm/min; ASTM D638
Elongation at Break	440 %	440 %	510 mm/min; ASTM D638
Tear Strength	26.2 kN/m	149 pli	Die C, 2 in/min; ASTM D1004

Descriptive Properties	Value	Comments
Automotive Specifications	FORD ESB-M4D259 Type I	
	FORD ESB-M4D284 Type I	
	FORD ESB-M4D284-C1 Color: Black	
Features	General Purpose	
	Low Gloss	
Forms	Pellets	
Fungal Resistance	Pass	ASTM G21
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Low Temperature Flexibility	Pass	-29°C, 508.0 µm; 4 hr, 12 mm
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	

Descriptive Properties	Value America	Comments
Uses	Automotive Applications	
	General Purpose	
	Outdoor Applications	
Xenon Weatherometer	Pass	SAE J1960; Exterior, 2500 kJ/m ² , Black, dE*≤3.0

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