

PolyOne Geon™ Vinyl Flexible D9501 NATURAL Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

A highly filled PVC Compound for extrusion applications. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-D9501-NATURAL-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.89 g/cc	1.89 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	87	87	15 sec; ASTM D2240
Tensile Strength at Break	4.72 MPa	685 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	240 %	240 %	Type IV, 510 mm/min; ASTM D638
Compression Set	35 % @Temperature 23.0 °C, Time 79200 sec	35 % @Temperature 73.4 °F, Time 22.0 hour	ASTM D395B

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-30.6 °C	-23.1 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	179 - 182 °C	354 - 360 °F	

Descriptive Properties	Value	Comments
Features	Low Gloss	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	

Descriptive Properties	North America Value	Comments
	South America	
Uses	Construction Applications	
	Cove Base	
	Stair Tread	

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