

PolyOne Geon™ Vinyl Flexible D9000 Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-D9000-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.47 g/cc	1.47 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	15 sec; ASTM D2240
	90	90	ASTM D2240
Tensile Strength at Break	13.8 MPa	2000 psi	510 mm/min; ASTM D638
Tensile Strength	9.65 MPa @Strain 100 %	1400 psi @Strain 100 %	510 mm/min; ASTM D638
Elongation at Break	330 %	330 %	510 mm/min; ASTM D638
Tear Strength	64.8 kN/m	370 pli	Die C, 510 mm/min; ASTM D624
Compression Set	35 % @Temperature 23.0 °C, Time 79200 sec	35 % @Temperature 73.4 °F, Time 22.0 hour	ASTM D395
Clash Berg Modulus	0.517 GPa	75.0 ksi	ASTM D1043
	0.310 GPa @Temperature -26.0 °C	45.0 ksi @Temperature -14.8 °F	ASTM D1043

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-25.0 °C	-13.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	177 - 182 °C	351 - 360 °F	

Descriptive Properties	Value	Comments
Features	General Purpose	

Descriptive Properties	Low Gloss Value	Comments
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	General Purpose	

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