

PolyOne Geon™ Vinyl Wire & Cable W1104L-xx40D Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

Material Notes:

Typical Properties of Molded Slab (0.075); Not to be Construed as Specifications. Provisional Product Information - Physical and Mechanical properties based on initial production. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-W1104L-xx40D-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	15 sec; ASTM D2240
Tensile Strength, Yield	13.8 MPa	2000 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	280 %	280 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 °C	167 °F	UL Temperature Rating
Brittleness Temperature	-25.0 °C	-13.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	166 - 171 °C	331 - 340 °F	

Descriptive Properties	Value	Comments
Features	General Purpose	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion Coating	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	

Descriptive Properties	Value	Comments
	North America	
	South America	
Retention of Tensile Elongation	90%	100°C, 889.0 µm; 240 hr, UL Standard
Retention of Tensile Strength	110%	100°C, 889.0 µm; 240 hr, UL Standard
RoHS Compliance	RoHS Compliant	
Uses	Cable Jacketing	
	Wire & Cable Applications	

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