

PolyOne Geon™ Vinyl Wire & Cable WJAF111L 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. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-WJAF111L-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	75	75	15 sec; ASTM D2240
Tensile Strength, Yield	16.5 MPa	2390 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	350 %	350 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	60.0 °C	140 °F	UL Temperature Rating

Processing Properties	Metric	English	Comments
Melt Temperature	168 - 171 °C	334 - 340 °F	

Descriptive Properties	Value	Comments
Appearance	Clear/Transparent	
Features	Good Surface Finish	
	Low (to None) Cadmium Content	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion Coating	
Regional Availability	Africa & Middle East	
	Asia Pacific	

Descriptive Properties	Europe Value	Comments
	North America	
	South America	
Retention of Tensile Elongation	95%	100°C, 1.91 mm; 168 hr, UL Standard
Retention of Tensile Strength	90%	100°C, 1.91 mm; 168 hr, UL Standard
RoHS Compliance	RoHS Compliant	
Uses	Cable Jacketing	
	Communication Wire Insulation	
	Communication Wire Jacketing	
	Wire & Cable Applications	

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