

PolyOne Geon™ Vinyl Wire & Cable MJF114A 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-MJF114A-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 g/cc	1.39 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73	73	15 sec; ASTM D2240
Tensile Strength, Yield	13.1 MPa	1900 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	300 %	300 %	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	-27.0 °C	-16.6 °F	ASTM D746
Flammability, UL94	HB	HB	ALL; Internal Method
	@Thickness 0.500 mm	@Thickness 0.0197 in	
	V-2	V-2	BK; UL 94
	@Thickness 3.00 mm	@Thickness 0.118 in	
	V-2	V-2	NC; UL 94
	@Thickness 3.00 mm	@Thickness 0.118 in	

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

Descriptive Properties	Value	Comments
Additive	Lead Stabilizer	
Agency Ratings	UL 817	
	UL QMFZ2	

Forms Descriptive Properties	Pellets Value	Comments
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Retention of Tensile Elongation	90%	100°C, 1.91 mm; 240 hr, UL Standard
Retention of Tensile Strength	110%	100°C, 1.91 mm; 240 hr, UL Standard
Uses	Strain Reliefs	
	Wire & Cable Applications	

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