

PolyOne Geon™ Vinyl Wire & Cable 8800FR 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-8800FR-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	41	41	15 sec; ASTM D2240
	53	53	ASTM D2240
Tensile Strength, Yield	24.1 MPa	3500 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	300 %	300 %	Type IV, 510 mm/min; ASTM D638
Tensile Modulus	0.0124 GPa	1.80 ksi	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 °C	221 °F	UL Temperature Rating
Brittleness Temperature	-5.00 °C	23.0 °F	ASTM D746

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.80e+12 ohm-cm	1.80e+12 ohm-cm	ASTM D257

Descriptive Properties	Value	Comments
Additive	Lead Stabilizer	
Agency Ratings	UL QMTT2	
Features	Flame Retardant	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	

Processing Method Descriptive Properties	Extrusion Coating Value	Comments
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Communication Wire Insulation	
	Communication Wire Jacketing	
	Wire & Cable Applications	
Wire Types	THHN	
	THW	
	THWN	
	TW	

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