

## PolyOne Geon™ Vinyl Wire & Cable JA508AF 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-JA508AF-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-JA508AF-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	15 sec; ASTM D2240
Tensile Strength at Break	9.65 MPa	1400 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	400 %	400 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	60.0 °C	140 °F	UL Temperature Rating
Brittleness Temperature	-46.0 °C	-50.8 °F	ASTM D746
Oxygen Index	22 % @Thickness 3.18 mm	22 % @Thickness 0.125 in	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	155 - 165 °C	311 - 329 °F	

Descriptive Properties	Value	Comments
Additive	Lead Stabilizer	
Features	Foamable	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Regional Availability	Africa & Middle East	
	Asia Pacific	

Descriptive Properties	Value	Comments
	North America	
	South America	
Retention of Tensile Elongation	85%	100°C, 1.91 mm; 168 hr, UL Standard
Retention of Tensile Strength	100%	100°C, 1.91 mm; 168 hr, UL Standard
Uses	Cable Jacketing	
	Wire & Cable Applications	

## Contact Songhan Plastic Technology Co.,Ltd.

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