

## PolyOne Geon™ Vinyl Wire & Cable JJC31A 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-JJC31A-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-JJC31A-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.63 g/cc	1.63 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	92	92	15 sec; ASTM D2240
Tensile Strength at Break	17.2 MPa	2490 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	180 %	180 %	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	-8.00 °C	17.6 °F	ASTM D746
Oxygen Index	43 % @Thickness 1.91 mm	43 % @Thickness 0.0752 in	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	174 - 182 °C	345 - 360 °F	

Descriptive Properties	Value	Comments
Additive	Lead Stabilizer	
Features	Flame Retardant	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion Coating	
Regional Availability	Africa & Middle East	

Descriptive Properties	Value	Comments
	Asia Pacific	
	Europe	
	North America	
	South America	
Retention of Tensile Elongation	83%	100°C, 1.91 mm; 240 hr, UL Standard
Uses	Communication Wire Jacketing	
	Wire & Cable Applications	
	Wire Jacketing	
Wire Types	CAT-5	
	CL2	
	CL2R	
	CL3R	
	CMR	
	FPLR	

## Contact Songhan Plastic Technology Co.,Ltd.

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