

## PolyOne Geon™ Vinyl Wire & Cable W9200 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-W9200-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-W9200-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	77	77	ASTM D2240
Tensile Strength at Break	28.3 MPa	4100 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	230 %	230 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 °C	221 °F	UL Temperature Rating
Oxygen Index	28 % @Thickness 1.91 mm	28 % @Thickness 0.0752 in	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	5.00e+12 ohm-cm	5.00e+12 ohm-cm	ASTM D257
Dielectric Constant	3.3 @Frequency 1000 Hz	3.3 @Frequency 1000 Hz	ASTM D150
Dielectric Strength	28.0 kV/mm	711 kV/in	ASTM D149

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

Descriptive Properties	Valueion Coating	Comments
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Communication Wire Insulation	
	Wire & Cable Applications	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China