

## PolyOne Geon™ Vinyl Wire & Cable 3701-xx01D 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-3701-xx01D-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-3701-xx01D-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	77	77	15 sec; ASTM D2240
Tensile Strength, Yield	17.7 MPa	2570 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	360 %	360 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-30.0 °C	-22.0 °F	ASTM D746
Flammability, UL94	V-2	V-2	NC; UL 94
	@Thickness 1.30 mm	@Thickness 0.0512 in	
	V-2	V-2	WT; UL 94
	@Thickness 1.30 mm	@Thickness 0.0512 in	
V-0	V-0	BK; UL 94	
@Thickness 1.60 mm	@Thickness 0.0630 in		
V-0	V-0	ALL; UL 94	
@Thickness 2.80 mm	@Thickness 0.110 in		
Oxygen Index	28 %	28 %	ASTM D2863
	@Thickness 1.91 mm	@Thickness 0.0752 in	

Processing Properties	Metric	English	Comments
Melt Temperature	168 - 174 °C	334 - 345 °F	

Descriptive Properties	Value	Comments
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Descriptive Properties	Lead Stabilizer Value	Comments
Features	Flame Retardant	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	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