

PolyOne Geon™ Vinyl Wire & Cable L00221 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. Provisional Product Information - Physical and Mechanical properties based on initial production. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-L00221-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	62	62	15 sec; ASTM D2240
Tensile Strength, Yield	12.2 MPa	1770 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
Maximum Service Temperature, Air	136 °C	277 °F	UL Temperature Rating
Brittleness Temperature	-51.0 °C	-59.8 °F	ASTM D746
Oxygen Index	29 % @Thickness 1.91 mm	29 % @Thickness 0.0752 in	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	165 - 175 °C	329 - 347 °F	

Descriptive Properties	Value	Comments
Features	Flame Retardant	
	Oil Resistant	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion Coating	

Descriptive Properties	Value & Middle East	Comments
	Asia Pacific	
	Europe	
	North America	
	South America	
Retention of Tensile Elongation	62%	136°C, 889.0 µm; 168 hr, UL Standard
Retention of Tensile Strength	130%	136°C, 889.0 µm; 168 hr, UL Standard
RoHS Compliance	RoHS Compliant	
Uses	Cable Jacketing	
	Wire & Cable Applications	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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