

PolyOne Geon™ Vinyl Wire & Cable W2403 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-W2403-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.45 g/cc	1.45 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	38	38	15 sec; ASTM D2240
	50	50	ASTM D2240
Tensile Strength at Break	15.2 MPa	2200 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	280 %	280 %	Type IV, 510 mm/min; ASTM D638
Tensile Modulus	0.0121 GPa	1.75 ksi	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	-20.0 °C	-4.00 °F	ASTM D746
Oxygen Index	24 %	24 %	ASTM D2863
	@Thickness 1.91 mm	@Thickness 0.0752 in	

Electrical Properties	Metric	English	Comments
Dielectric Strength	33.0 kV/mm	838 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Melt Temperature	185 - 191 °C	365 - 376 °F	

Descriptive Properties	Value	Comments
Additive	Lead Stabilizer	
Features	Flame Retardant	

Forms Descriptive Properties	Pellets Value	Comments
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion Coating	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Cable Jacketing	
	Communication Wire 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