

## PolyOne Geon™ Vinyl Wire & Cable 2510-xx05D Polyvinyl Chloride Alloy (PVC Alloy)

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-2510-xx05D-Polyvinyl-Chloride-Alloy-PVC-Alloy.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-2510-xx05D-Polyvinyl-Chloride-Alloy-PVC-Alloy.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72	72	15 sec; ASTM D2240
Tensile Strength, Yield	18.6 MPa	2700 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	450 %	450 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 °C	194 °F	UL Temperature Rating
Brittleness Temperature	-34.0 °C	-29.2 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	163 - 168 °C	325 - 334 °F	

Descriptive Properties	Value	Comments
Additive	Lead Stabilizer	
Features	General Purpose	
	Low Temperature Impact Resistance	
Forms	Pellets	
Generic Material	PVC Alloy	
Generic Name	Polyvinyl Chloride Alloy (PVC Alloy)	
Processing Method	Extrusion Coating	
Regional Availability	Africa & Middle East	

Descriptive Properties	Asia Pacific Value	Comments
	Europe	
	North America	
	South America	
Uses	Cable Jacketing	
	Communication Wire Jacketing	
	Wire & Cable Applications	

## Contact Songhan Plastic Technology Co.,Ltd.

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