

## PolyOne Geon™ Vinyl Wire & Cable 1741-xx06D 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-1741-xx06D-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-1741-xx06D-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	87	87	15 sec; ASTM D2240
Tensile Strength, Yield	20.0 MPa	2900 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	280 %	280 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 °C	167 °F	UL Temperature Rating

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+12 ohm-cm	2.00e+12 ohm-cm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	174 - 182 °C	345 - 360 °F	

Descriptive Properties	Value	Comments
Additive	Lead Stabilizer	
Automotive Specifications	SAE J1128	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion Coating	
Regional Availability	Africa & Middle East	

Descriptive Properties	Asia Pacific Value	Comments
	Europe	
	North America	
	South America	
Retention of Tensile Elongation	100%	113°C, 1.91 mm; 168 hr, UL Standard
Retention of Tensile Strength	85%	113°C, 1.91 mm; 168 hr, UL Standard
Uses	Automotive Applications	
	Insulation	
	Wire & Cable Applications	

## Contact Songhan Plastic Technology Co.,Ltd.

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