

PolyOne Geon™ Vinyl Wire & Cable 0650-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-0650-xx01D-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	63	63	15 sec; ASTM D2240
Tensile Strength, Yield	15.9 MPa	2310 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	300 %	300 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 °C	221 °F	UL Temperature Rating

Processing Properties	Metric	English	Comments
Melt Temperature	160 - 171 °C	320 - 340 °F	

Descriptive Properties	Value	Comments
Appearance	Clear/Transparent	
Features	Good Surface Finish	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion Coating	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	

Descriptive Properties	North America Value	Comments
	South America	
RoHS Compliance	RoHS Compliant	
Uses	Automotive Applications	
	Communication Wire Insulation	
	Communication Wire Jacketing	
	Insulation	
	Transportation Wire Jacketing	
	Wire & Cable Applications	

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