

PolyOne Geon™ Vinyl Wire & Cable 0860-xx02D 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-0860-xx02D-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 g/cc	1.26 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	15 sec; ASTM D2240
Tensile Strength, Yield	20.7 MPa	3000 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	330 %	330 %	Type IV, 510 mm/min; ASTM D638
Tensile Modulus	0.0117 GPa	1.70 ksi	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 °C	221 °F	UL Temperature Rating
Oxygen Index	28 % @Thickness 1.91 mm	28 % @Thickness 0.0752 in	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	168 - 177 °C	334 - 351 °F	

Descriptive Properties	Value	Comments
Appearance	Clear/Transparent	
Features	Flame Retardant	
	Good Surface Finish	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion Coating	

Descriptive Properties	Value	Comments
Regional Availability	Asia Pacific	
	Europe	
	North America	
	South America	
RoHS Compliance	RoHS Compliant	
Uses	Communication Wire Insulation	
	Communication Wire Jacketing	
	Wire & Cable Applications	
Wire Types	CL2	
	CL2R	

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