

PolyOne Geon™ Vinyl Wire & Cable 3311-xx23D 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-3311-xx23D-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 D	76	76	15 sec; ASTM D2240
Tensile Strength, Yield	53.1 MPa	7700 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	150 %	150 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 °C	167 °F	UL Temperature Rating
Flammability, UL94	V-0 @Thickness 0.749 mm	V-0 @Thickness 0.0295 in	ALL; UL 94

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 193 °C	360 - 379 °F	

Descriptive Properties	Value	Comments
Additive	Lead Stabilizer	
Agency Ratings	UL QMFZ2	
Appearance	Clear/Transparent	
Features	Flame Retardant	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Regional Availability	Africa & Middle East	

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

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