

PolyOne Geon™ Vinyl Wire & Cable 3201-xx05D 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-3201-xx05D-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	62	62	15 sec; ASTM D2240
Tensile Strength, Yield	12.4 MPa	1800 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	380 %	380 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	60.0 °C	140 °F	UL Temperature Rating
Brittleness Temperature	-50.0 °C	-58.0 °F	ASTM D746
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	ALL; Internal Method

Processing Properties	Metric	English	Comments
Melt Temperature	154 - 160 °C	309 - 320 °F	

Descriptive Properties	Value	Comments
Additive	Lead Stabilizer	
Agency Ratings	UL QMFZ2	
Features	Flame Retardant	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Injection Molding	

Descriptive Properties Regional Availability	Value Africa & Middle East	Comments
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Wire & Cable Applications	

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