

PolyOne Geon™ Vinyl Wire & Cable JC404HX 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-JC404HX-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	66	66	15 sec; ASTM D2240
Tensile Strength, Yield	13.1 MPa	1900 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	390 %	390 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-37.0 °C	-34.6 °F	ASTM D746
Flammability, UL94	V-0 @Thickness 3.00 mm	V-0 @Thickness 0.118 in	BK; UL 94
Oxygen Index	27 % @Thickness 1.91 mm	27 % @Thickness 0.0752 in	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	155 - 165 °C	311 - 329 °F	

Descriptive Properties	Value	Comments
Additive	Lead Stabilizer	
Agency Ratings	CSA C-22.2 No. 6 VO (LS86302-2)	
	UL QMFZ2	
Features	Flame Retardant	
Forms	Pellets	
Generic Material	PVC, Flexible	

Descriptive Properties	Value	Comments
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Retention of Tensile Elongation	85%	121°C, 1.91 mm; 336 hr, UL Standard
Retention of Tensile Strength	99%	121°C, 1.91 mm; 336 hr, UL Standard
Uses	Wire & Cable Applications	

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