

PolyOne Geon™ Vinyl Wire & Cable WJLC32L 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-WJLC32L-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	76	76	15 sec; ASTM D2240
Tensile Strength at Break	16.5 MPa	2390 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	360 %	360 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-44.0 °C	-47.2 °F	ASTM D746
Oxygen Index	26 % @Thickness 1.91 mm	26 % @Thickness 0.0752 in	ASTM D2863

Descriptive Properties	Value	Comments
Features	Flame Retardant	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion Injection Molding	
Regional Availability	Africa & Middle East Asia Pacific Europe North America	

Descriptive Properties	South America Value	Comments
Retention of Tensile Elongation	87%	100°C, 1.91 mm; 168 hr, UL Standard
Retention of Tensile Strength	110%	100°C, 1.91 mm; 168 hr, UL Standard
Uses	Communication Wire Jacketing	
	Wire & Cable Applications	

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