

PolyOne Geon™ Vinyl Wire & Cable JAL110A Natural Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Wire and Cable Grade

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-JAL110A-Natural-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.43 g/cc	1.43 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	15 sec; ASTM D2240
	90	90	ASTM D2240
Tensile Strength at Break	14.5 MPa	2100 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	8.96 MPa	1300 psi	Type IV, 510 mm/min; ASTM D638
	@Strain 100 %	@Strain 100 %	
Elongation at Break	350 %	350 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-25.0 °C	-13.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	174 - 182 °C	345 - 360 °F	
	193 - 204 °C	379 - 399 °F	

Descriptive Properties	Value	Comments
Features	General Purpose	
	Low Gloss	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	

Descriptive Properties	Value Injection Molding	Comments
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	General Purpose	

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