

## PolyOne Geon™ Vinyl Wire & Cable WEJB400LU 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-WEJB400LU-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Wire-Cable-WEJB400LU-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	82	82	15 sec; ASTM D2240
Tensile Strength, Yield	14.5 MPa	2100 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	300 %	300 %	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	-25.0 °C	-13.0 °F	ASTM D746
Oxygen Index	25 % @Thickness 1.91 mm	25 % @Thickness 0.0752 in	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	188 - 193 °C	370 - 379 °F	

Descriptive Properties	Value	Comments
Additive	Calcium-Zinc Stabilizer	
Agency Ratings	UL QMTT2	
Features	Flame Retardant  Sunlight Resistant (720 hours)	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	

<b>Descriptive Properties</b> <small>Processing Method</small>	<b>Value</b> <small>Extrusion Coating</small>	<b>Comments</b>
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Retention of Tensile Elongation	90%	100°C, 1.91 mm; 168 hr, UL Standard
RoHS Compliance	RoHS Compliant	
Uses	Flexible Cord Insulation	
	Flexible Cord Jacketing	
	Wire & Cable Applications	
Wire Types	TW	

## Contact Songhan Plastic Technology Co.,Ltd.

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