



# Geon™ Vinyl Wire & Cable WC9000L

## Flexible Polyvinyl Chloride

### Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Cable Jacketing      • Wire & Cable Applications		
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		
Processing Method	• Extrusion Coating		

### Technical Properties <sup>1</sup>

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.45	1.45	ASTM D792
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength <sup>2</sup> (Break)	2300 psi	15.9 MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	330 %	330 %	ASTM D638
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore A, 15 sec)	84	84	ASTM D2240
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Brittleness Temperature	-13.0 °F	-25.0 °C	ASTM D746
UL Temperature Rating	167 °F	75 °C	
Flammability	Typical Value (English)	Typical Value (SI)	Test Method
Oxygen Index (0.125 in (3.18 mm))	24 %	24 %	ASTM D2863

#### Additional Information

NOTE: Typical Properties of Molded Slab (0.075"); Not to be Construed as Specifications.

### Processing Information

Extrusion	Typical Value (English)	Typical Value (SI)
Melt Temperature	340 to 360 °F	171 to 182 °C

#### Notes

<sup>1</sup> Typical values are not to be construed as specifications.

<sup>2</sup> Type IV, 20 in/min (510 mm/min)

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