



Geon™ Vinyl Wire & Cable W2403L

Flexible Polyvinyl Chloride

Key Characteristics

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

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.43	1.43	ASTM D792
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ² (Break)	3240 psi	22.3 MPa	ASTM D638
Tensile Elongation ² (Break)	250 %	250 %	ASTM D638
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore D, 15 sec)	43	43	ASTM D2240
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Brittleness Temperature	-13.0 °F	-25.0 °C	ASTM D746
UL Temperature Rating	140 °F	60 °C	
Flammability	Typical Value (English)	Typical Value (SI)	Test Method
Oxygen Index (0.125 in (3.18 mm))	28 %	28 %	ASTM D2863

Additional Information

NOTE: Typical Properties of Molded Slab (0.075"); Not to be Construed as Specifications.
Provisional Product Information - Physical and Mechanical properties based on initial production.

Processing Information

Extrusion	Typical Value (English)	Typical Value (SI)
Melt Temperature	365 to 380 °F	185 to 193 °C

Notes

¹ Typical values are not to be construed as specifications.

² Type IV, 20 in/min (510 mm/min)

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