

Geon™ Vinyl Wire & Cable WJJP603

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

For use in plenum cable jackets.

General Information			
Features	Low smoke		
	Flame retardancy		
Uses	Communication Cable Jacketing		
	Wire and cable applications		
	Wire sheath		
	Ceiling compartment cable sheath material		
Wire Types	CAT-5		
	CL2		
	CL2R		
	CL3R		
	CMR		
	FPLP		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.63	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	14.8	MPa	ASTM D638
Tensile Elongation ² (Break)	220	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Elongation retention rate ³ (100°C, 508.0 µm)	86	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-7.00	°C	ASTM D746
UL Temperature Rating	75	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	56	%	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.

Extrusion	Nominal Value	Unit
Melt Temperature	177 - 188	°C

NOTE

1. Type 4, 510mm/min
2. Type 4, 510mm/min
3. 240 hr, UL Standard, Oven Aging.

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