

Geon™ Vinyl Wire & Cable WR4602CL

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Wire & Cable WR4602CL is a flexible PVC product. It can be processed by extrusion coating and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: wire and cable. The main features are: Rohs certification.

General Information			
Uses	Cable sheath		
	Wire and cable applications		
Wire Types	SJTW		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	69		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	15.2	MPa	ASTM D638
Tensile Elongation ² (Break)	430	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength ³ (60°C, 168 hr)	110	%	ASTM D638
Change in Ultimate Elongation ⁴ (60°C, 168 hr)	75	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-65.0	°C	ASTM D746
UL Temperature Rating	60	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (3.18 mm)	24	%	ASTM D2863
Additional Information			
注释:模制厚板(0.075")的典型属性;不能视为技术规格.			
Extrusion	Nominal Value	Unit	
Melt Temperature	155 - 165	°C	
NOTE			
1.	Type 4, 510mm/min		
2.	Type 4, 510mm/min		
3.	168 hr, 35 mil sample, UL Standard		
4.	168 hr, 35 mil sample, UL Standard		

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