Geon™ Vinyl Wire & Cable WR3792CL

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Wire & Cable WR3792CL 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. Geon™Vinyl Wire & Cable WR3792CL applications include wire and cable and electrical/electronic applications.

Features include:

ROHS certification

Flame Retardant

Electrical/Electronic Applications Wire and cable applications Insulating material Wire Types AWM FT-4 RoHS Compliance RoHS compliance RoHS compliance Processing Method Extrusion coating Physical Nominal Value Unit Test Method Durometer Hardness (Shore A, 15 sec) B3 Nominal Value Unit Test Method Tensile Strength 1 (Yield) 18.8 MPa ASTM D9240 Mochanical Nominal Value Unit Test Method Tensile Strength 1 (Yield) 18.8 MPa ASTM D638 Tensile Strength 1 (Yield) 18.8 Aging Nominal Value Unit Test Method Tensile Strength 1 (Yield) 18.8 Aging Nominal Value Unit Test Method Tensile Strength 1 (Yield) 18.8 Aging Nominal Value Unit Tensile Strength 1 (Yield) 18.8 Aging Nominal Value Unit Tensile Strength retention rate 3 (121°C, 889.0 µm) 90 % Tensile Strength retention rate 4 (121°C, 889.0 µm) 99 % Thermal Nominal Value Unit Test Method Brittleness Temperature -23.9 *C ASTM D746 UL Temperature Rating 5 105 *C CSA Electrical Nominal Value Unit Test Method Volume Resistivity 6.0E+13 ohms·cm ASTM D257 Flammability Nominal Value Unit Test Method	General Information			
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ElectricalNominal ValueUnitTest MethodVolume Resistivity6.0E+13ohms·cmASTM D257FlammabilityNominal ValueUnitTest Method	UL Temperature Rating ⁵	105	°C	CSA
Flammability Nominal Value Unit Test Method	Electrical	Nominal Value	Unit	Test Method
	Volume Resistivity	6.0E+13	ohms·cm	ASTM D257
Oxygen Index (3.18 mm) 32 % ASTM D2863	Flammability	Nominal Value	Unit	Test Method
	Oxygen Index (3.18 mm)	32	%	ASTM D2863

Additional Information

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

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Extrusion	Nominal Value	Unit
Melt Temperature	166 - 182	°C
NOTE		
1.	Type 4, 510mm/min	
2.	Type 4, 510mm/min	
3.	500 hr, UL Standard	
4.	500 hr, UL Standard	
5.	105'C CSA Rated.	

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