

Geon™ Vinyl Flexible R3792C

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible R3792C is a flexible polyvinyl chloride 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 Flexible R3792C applications include wire and cable and electrical/electronic applications.

Features include:

Flame Retardant

Stable

General Information			
Additive	Lead stabilizer		
Features	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Wire and cable applications		
	Insulating material		
Wire Types	AWM		
	FT-4		
Forms	Particle		
Processing Method	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	17.9	MPa	ASTM D638
Tensile Elongation ² (Break)	350	%	ASTM D638
Aging	Nominal Value	Unit	
Tensile strength retention rate ³ (121°C, 1.91 mm)	80	%	
Elongation retention rate ⁴ (121°C, 1.91 mm)	75	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	4.5E+15	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index (1.91 mm)	29	%	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	165 - 175	°C
NOTE		
1.	Type 4, 510mm/min	
2.	Type 4, 510mm/min	
3.	500 hours, UL standard	
4.	500 hours, UL standard	

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