

Geon™ Vinyl Flexible C80B1 WHITE 1473

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible C80B1 WHITE 1473 is a Flexible Polyvinyl Chloride product. It can be processed by coextrusion, extrusion, or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible C80B1 WHITE 1473 include coating applications and wire & cable.

General Information	
Additive	Biocide 2
Features	Medium Gloss
Uses	Protective Coverings
Agency Ratings	UL 94 HB
Forms	Pellets
Processing Method	Coextrusion
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A ¹	79		
Shore A, 15 sec	70		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²			ASTM D638
Break	11.3	MPa	
100% Strain	6.01	MPa	
Tensile Elongation ³ (Break)	310	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Compression Set (23°C, 22 hr)	25	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-39.7	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	174 to 179	°C	
NOTE			

1.	This compound was tested for Thermal Conductivity and Thermal Resistance under ASTM C 177.
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2.	Type IV, 510 mm/min
3.	Type IV, 510 mm/min

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