

Geon™ Vinyl Flexible C8002

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible C8002 is a Flexible Polyvinyl Chloride product. It can be processed by profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Hose/Tubing.

General Information			
Features	General Purpose		
	Medium Gloss		
Uses	General Purpose		
	Hose		
	Tubing		
Forms	Pellets		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	80		
Shore A, 15 sec	73		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	12.1	MPa	
100% Strain	6.21	MPa	
Tensile Elongation ² (Break)	280	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	43.8	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	174 to 179	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		
3.	Die C, 510 mm/min		

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Recommended distributors for this material

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