

Geon™ Vinyl Flexible A8501

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Interior applications.

General Information			
Features	General Purpose		
	High Gloss		
Uses	Flooring		
	General Purpose		
	Hose		
	Tubing		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	85		
Shore A, 15 sec	79		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	16.5	MPa	
100% Strain	9.65	MPa	
Tensile Elongation ² (Break)	400	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	73.6	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-32.8	°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. | 510 mm/min |
| 2. | 510 mm/min |
| 3. | Die C, 510 mm/min |

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