

Geon™ Vinyl Flexible A75G0

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Interior applications.

General Information			
UL YellowCard	E41877-234214		
Features	General Purpose		
	Low Gloss		
Uses	General Purpose		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.9 to 2.3	%	ASTM D955

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	75		
Shore A, 15 sec	67		

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	12.4	MPa	
100% Strain	5.03	MPa	
Tensile Elongation ² (Break)	420	%	ASTM D638

Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	49.0	kN/m	ASTM D624
Compression Set (23°C, 22 hr)	30	%	ASTM D395
Clash-Berg Modulus			ASTM D1043
--	98.6	MPa	
-47°C	310	MPa	

Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-46.7	°C	ASTM D746

Injection	Nominal Value	Unit
Processing (Melt) Temp	193 to 204	°C

Extrusion	Nominal Value	Unit
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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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