

Geon™ Vinyl Flexible A90F1

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Interior applications.

General Information			
Additive	Biocide		
Uses	Construction Applications		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	90		
Shore A, 15 sec	83		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	17.9	MPa	
100% Strain	11.0	MPa	
Tensile Elongation ² (Break)	350	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	87.6	kN/m	ASTM D624
Clash-Berg Modulus			ASTM D1043
--	565	MPa	
-23°C	310	MPa	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-27.8	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 182	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		
3.	Die C, 510 mm/min		

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