

Geon™ Vinyl Flexible A5DU0

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Interior applications.

General Information			
Additive	UV Stabilizer		
Features	General Purpose		
	High Gloss		
	UV Absorbing		
Uses	General Purpose		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 15 sec	90		
Shore D	50		
Shore D, 15 sec	42		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	20.7	MPa	
100% Strain	15.2	MPa	
Tensile Elongation ² (Break)	340	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	118	kN/m	ASTM D624
Clash-Berg Modulus			ASTM D1043
--	800	MPa	
-11°C	310	MPa	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-21.1	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	179 to 191	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		

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