

Geon™ Vinyl Flexible A5501

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Specialty flexible molding applications.

General Information			
Features	General Purpose		
	High Gloss		
Uses	General Purpose		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	43		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	6.62	MPa	
100% Strain	2.74	MPa	
Tensile Elongation ² (Break)	320	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	29.2	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-46.5	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	138 to 149	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	132 to 143	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		
3.	Die C, 510 mm/min		

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Recommended distributors for this material

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