

Geon™ Vinyl Flexible XV3581G

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible XV3581G is a Flexible Polyvinyl Chloride product. It can be processed by extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

General Information			
Features	Glow in the Dark		
Forms	Pellets		
Processing Method	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, 10 sec	90		
Shore A, 15 sec	88		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	21.2	MPa	
100% Strain	14.8	MPa	
Tensile Elongation ² (Break)	280	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	101	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-15.0	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	188 to 193	°C	
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		
3.	Die C, 510 mm/min		

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Recommended distributors for this material

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