

Geon™ Vinyl Flexible 90251

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible 90251 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible 90251 include automotive, coating applications, engineering/industrial parts and sealing applications.

General Information			
Features	General Purpose		
Uses	Automotive Applications		
	Gaskets		
	General Purpose		
	Protective Coverings		
	Seals		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	78		
Shore A, 15 sec	70		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	13.0	MPa	
100% Strain	5.30	MPa	
Tensile Elongation ² (Break)	430	%	ASTM D638
Tear Resistance ³	42.0	kN/m	ASTM D1004
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-42.0	°C	ASTM D746
NOTE			
1.	Type IV, 510 mm/min		
2.	Type IV, 510 mm/min		
3.	Die C, 2 in/min		

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Recommended distributors for this material

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