



# Geon™ Vinyl Flexible 90250

## Flexible Polyvinyl Chloride

### Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• General Purpose		
Uses	• Automotive Applications • Gaskets	• General Purpose • Protective Coverings	• Seals
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

### Technical Properties <sup>1</sup>

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.23	1.23	ASTM D792
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength <sup>2</sup> (100% Strain)	537 psi	3.70 MPa	ASTM D638
Tensile Strength <sup>2</sup> (Break)	1520 psi	10.5 MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	400 %	400 %	ASTM D638
Tear Resistance <sup>3</sup>	180 lbf/in	31.5 kN/m	ASTM D1004
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore A, 15 sec)	58	58	ASTM D2240
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Brittleness Temperature	-54.4 °F	-48.0 °C	ASTM D746

### Notes

<sup>1</sup> Typical values are not to be construed as specifications.

<sup>2</sup> Type IV, 20 in/min (510 mm/min)

<sup>3</sup> Die C, 2 in/min

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