



Geon™ Vinyl Flexible 90072

Flexible Polyvinyl Chloride

Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• High Gloss		
Uses	• Automotive Applications		
Appearance	• Clear/Transparent		
Forms	• Pellets		
Processing Method	• Coextrusion	• Extrusion	

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.26	1.26	ASTM D792
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ² (Break)	2830 psi	19.5 MPa	ASTM D638
Tensile Elongation ² (Break)	260 %	260 %	ASTM D638
Tear Resistance ³	500 lbf/in	87.6 kN/m	ASTM D1004
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore A, 15 sec)	88	88	ASTM D2240
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Brittleness Temperature	-18.4 °F	-28.0 °C	ASTM D746

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Processing (Melt) Temp	350 to 370 °F	177 to 188 °C

Notes

¹ Typical values are not to be construed as specifications.

² Type IV, 20 in/min (510 mm/min)

³ Die C, 2 in/min