



Geon™ Vinyl Flexible A48248D

Flexible Polyvinyl Chloride

Key Characteristics

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

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.27	1.27	ASTM D792
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ² (Break)	3080 psi	21.2 MPa	ASTM D638
Tensile Elongation ² (Break)	250 %	250 %	ASTM D638
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore D, 15 sec)	56	56	ASTM D2240
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Brittleness Temperature	1.00 °F	-17.2 °C	ASTM D746
Electrical	Typical Value (English)	Typical Value (SI)	Test Method
Surface Resistivity	1.0E+12 ohms	1.0E+12 ohms	ASTM D257

Processing Information

Extrusion	Typical Value (English)	Typical Value (SI)
Melt Temperature	355 to 375 °F	179 to 191 °C

Notes

¹ Typical values are not to be construed as specifications.

² 20 in/min (510 mm/min)

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