



Geon™ Vinyl Flexible R1211P

Flexible Polyvinyl Chloride

Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Melt Strength	• Low Gloss	
Uses	• Construction Applications	• Gaskets	• Seals
Forms	• Pellets		
Processing Method	• Extrusion		

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.52	1.52	ASTM D792
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ² (Break)	750 psi	5.17 MPa	ASTM D638
Tensile Elongation ² (Break)	350 %	350 %	ASTM D638
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore A, 15 sec)	56	56	ASTM D2240
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Brittleness Temperature	-40.0 °F	-40.0 °C	ASTM D746

Processing Information

Extrusion	Typical Value (English)	Typical Value (SI)
Melt Temperature	340 to 350 °F	171 to 177 °C

Notes

¹ Typical values are not to be construed as specifications.

² Type IV, 20 in/min (510 mm/min)

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