



# Geon™ Vinyl Flexible R3035E

## Flexible Polyvinyl Chloride

### Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Low to No Migration	• Medium Gloss	
Uses	• Appliance Components	• Appliances	• Gaskets
Forms	• Pellets		
Processing Method	• Extrusion		

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

	Typical Value (English)	Typical Value (SI)	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.32	1.32	ASTM D792
<b>Mechanical</b>	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength <sup>2</sup> (Break)	1700 psi	11.7 MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	350 %	350 %	ASTM D638
<b>Hardness</b>	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore A, 15 sec)	67	67	ASTM D2240
<b>Thermal</b>	Typical Value (English)	Typical Value (SI)	Test Method
Brittleness Temperature	-26.0 °F	-32.2 °C	ASTM D746

### Processing Information

	Typical Value (English)	Typical Value (SI)
<b>Extrusion</b>		
Melt Temperature	340 to 355 °F	171 to 179 °C

### Notes

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

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