

Geon™ Vinyl Flexible C7000

PVC, Flexible

GEON Performance Solutions

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Break | 10.1 | MPa | ASTM D 638 |
| Elongation at Break | 390 | % | ASTM D 638 |
| Shore A Hardness | 70 | - | ASTM D 2240 |
| Tear Strength | 35 | kN/m | ASTM D 624 |
| Compression Set , 22 hr @ 73 °F | 20 | % | ASTM D 395 |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1390 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Melt temperature | 193 - 199 | °C | - |

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets

Certifications

Drinking water contact, Drinking water contact NSF 61

Applications

General Purpose

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa