

Geon™ Vinyl Flexible A55G0

PVC, Flexible

GEON Performance Solutions

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|-------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.029 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength at Break | 7.58 | MPa | ASTM D 638 |
| Elongation at Break | 410 | % | ASTM D 638 |
| Shore A Hardness | 55 | - | ASTM D 2240 |
| Tear Strength | 16.6 | kN/m | ASTM D 624 |
| Compression Set , 22 hr @ 73 °F | 30 | % | ASTM D 395 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1130 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Melt temperature | 188 - 199 | °C | - |

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets

Special Characteristics

Transparent

Applications

General Purpose

Regional Availability

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