

Geon™ Vinyl Flexible 90252

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible 90252 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible 90252 include automotive, coating applications, engineering/industrial parts and sealing applications.

| General Information | | | |
|---|-------------------------|-------------------|-------------|
| Features | General Purpose | | |
| Uses | Automotive Applications | | |
| | Gaskets | | |
| | General Purpose | | |
| | Protective Coverings | | |
| | Seals | | |
| Forms | Pellets | | |
| Processing Method | Extrusion | | |
| | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.30 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ASTM D2240 |
| Shore A | 88 | | |
| Shore A, 15 sec | 80 | | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ | | | ASTM D638 |
| Break | 16.6 | MPa | |
| 100% Strain | 7.90 | MPa | |
| Tensile Elongation ² (Break) | 400 | % | ASTM D638 |
| Tear Resistance ³ | 64.0 | kN/m | ASTM D1004 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -32.0 | °C | ASTM D746 |
| NOTE | | | |
| 1. | Type IV, 510 mm/min | | |
| 2. | Type IV, 510 mm/min | | |
| 3. | Die C, 2 in/min | | |

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