

Geon™ Vinyl Flexible R252BE

Polyvinyl Chloride + NBR

PolyOne Corporation

Message:

Geon™ Vinyl Flexible R252BE is a Polyvinyl Chloride + NBR (PVC+NBR) product. It can be processed by coextrusion, extrusion, or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Construction Applications. Primary characteristic: uv stabilized.

| General Information | |
|---------------------|-------------------|
| Additive | Biocide |
| | UV Stabilizer |
| Features | UV Absorbing |
| Uses | Flooring |
| Forms | Pellets |
| Processing Method | Coextrusion |
| | Extrusion |
| | Injection Molding |

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|-------------------|-------------|
| Specific Gravity | 1.29 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 83 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Break) | 15.9 | MPa | ASTM D638 |
| Tensile Elongation ² (Break) | 350 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -32.2 | °C | ASTM D746 |
| Injection | Nominal Value | Unit | |
| Processing (Melt) Temp | 193 to 204 | °C | |
| Extrusion | Nominal Value | Unit | |
| Melt Temperature | 177 to 182 | °C | |
| NOTE | | | |

| | |
|----|---------------------|
| 1. | Type IV, 510 mm/min |
| 2. | Type IV, 510 mm/min |

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