

Geon™ Vinyl Flexible 90051

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible 90051 is a flexible polyvinyl chloride product. It can be processed by injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Geon™Vinyl Flexible 90051 applications include the automotive industry and outdoor applications.

| General Information | | | |
|-----------------------------------------------------------|---------------------------------|-------|-------------|
| Uses | Application in Automobile Field | | |
| | Outdoor application | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.37 | g/cm³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D, 15 sec) | 55 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Break) | 24.0 | MPa | ASTM D638 |
| Tensile Elongation ² (Break) | 170 | % | ASTM D638 |
| Tear Resistance ³ | 102.5 | kN/m | ASTM D1004 |
| Low Temperature Flexibility ⁴ (-30°C, 1.91 mm) | Pass | | |
| Volatile Loss ⁵ (105°C, 1.91 mm) | 0.20 | % | ASTM D1203B |
| Antifungal | Pass | | ASTM G21 |
| Xenon Weatherometer ⁶ | Pass | | SAE J1960 |
| Additional Information | Nominal Value | Unit | Test Method |

注释:汽车OEM认证.

| NOTE | |
|------|--------------------------------------|
| 1. | Type 4, 510mm/min |
| 2. | Type 4, 510mm/min |
| 3. | Mold C,2 inches/min |
| 4. | 4 hours, 25mm |
| 5. | Method A |
| 6. | External, 2500 kJ/m, black, dE *<3.0 |

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