

Geon™ Vinyl Flexible MD403KB

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible MD403KB is a Flexible Polyvinyl Chloride product. It can be processed by extrusion, injection molding, or profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Electrical/Electronic Applications.

Characteristics include:

Flame Retardant

Low Gloss

UV Stabilized

| General Information | |
|---------------------|------------------------------------|
| Additive | UV Stabilizer |
| Features | Flame Retardant |
| | Low Gloss |
| | UV Absorbing |
| Uses | Electrical/Electronic Applications |
| | Profiles |
| Forms | Pellets |
| Processing Method | Extrusion |
| | Injection Molding |
| | Profile Extrusion |

| Physical | Nominal Value | Unit | Test Method |
|-----------------------------------------|---------------|-------------------|-------------|
| Specific Gravity | 1.48 | 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) | 13.4 | MPa | ASTM D638 |
| Tensile Elongation ² (Break) | 310 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -25.0 | °C | ASTM D746 |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index (3.18 mm) | 32 | % | ASTM D2863 |
| 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 |

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