

Manner Flexible PVC V932C NAT601AF

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: Lead-free 90°C riser insulation/jacketing compound suitable for fiber optic cables with excellent low temperature properties. This compound contains a UV inhibitor and an antifungal additive. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

| General Information | | | |
|---|----------------------------|-------------------|-------------|
| Additive | Antimicrobial (Fungicide) | | |
| | UV Stabilizer | | |
| Features | Fungus Resistant | | |
| | Good UV Resistance | | |
| | Low (to None) Lead Content | | |
| Uses | Cable Jacketing | | |
| | Insulation | | |
| | Wire & Cable Applications | | |
| Appearance | Natural Color | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.37 to 1.41 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 10 sec) | 82 to 88 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ | 20.7 | MPa | ASTM D638 |
| Tensile Elongation ² (Break) | 330 | % | ASTM D638 |
| Aging | Nominal Value | Unit | Test Method |
| Change in Tensile Strength in Air ³ (121°C, 168 hr) | 1.0 | % | UL 1581 |
| Change in Ultimate Elongation in Air ⁴ (121°C, 168 hr) | -2.0 | % | UL 1581 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -38.0 | °C | ASTM D746 |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index | 30 | % | ASTM D2863 |
| NOTE | | | |
| 1. | Unaged Dumbbells | | |
| 2. | Unaged Dumbbells | | |
| 3. | Air Aged Retention | | |

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