

Axial PVC 16882

Flexible Polyvinyl Chloride

Axial Corporation

Message:

Non-lead stabilized, 90°C rated jacket compound with excellent low temperature properties. Formulated to be UV and fungal resistant. Suitable for riser and optical fiber constructions.

| General Information | | | |
|--|---------------------------|-------------------|-------------|
| Features | Fungus Resistant | | |
| | Good UV Resistance | | |
| | Low Temperature Resistant | | |
| Uses | Cable Jacketing | | |
| | Fiber Optic Cable | | |
| | Wire & Cable Applications | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.33 to 1.37 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness ¹ (Shore A) | 85 to 91 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| -- | 19.3 | MPa | |
| 100% Strain | 12.4 | MPa | |
| Tensile Elongation (Break) | 300 | % | ASTM D638 |
| Aging | Nominal Value | Unit | Test Method |
| Change in Ultimate Elongation in Air ² (121°C, 168 hr) | -15 | % | UL 1581 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -39.0 | °C | ASTM D746 |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index | 31 | % | ASTM D2863 |
| Extrusion | Nominal Value | Unit | |
| Melt Temperature | 182 | °C | |
| NOTE | | | |
| 1. | Delayed | | |
| 2. | 50 mil slab | | |

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