

Axiall PVC 19732

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Non-lead stabilized, electrical grade 105C rated non-lead vinyl elastomer compound suitable for SEO and SJEO insulation and jacket applications per UL 62.

| General Information | | | |
|---|------------------------------------|-------------------|-------------|
| Features | Good Flexibility | | |
| Uses | Cable Jacketing | | |
| | Electrical/Electronic Applications | | |
| | Insulation | | |
| | Wire & Cable Applications | | |
| Wire Types | SEO | | |
| | SJEO | | |
| Agency Ratings | UL 62 | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.29 to 1.33 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 70 to 76 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| -- | 15.2 | MPa | |
| 100% Strain | 6.10 | MPa | |
| Tensile Elongation (Break) | 380 | % | ASTM D638 |
| Aging | Nominal Value | Unit | Test Method |
| Change in Ultimate Elongation in Air ¹ (136°C, 168 hr) | -11 | % | UL 1581 |
| Change in Ultimate Elongation ² (60°C, 168 hr, in ASTM #2 Oil) | -13 | % | UL 1581 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -38.0 | °C | ASTM D746 |
| Flammability | Nominal Value | Unit | Test Method |
| Oxygen Index | 24 | % | ASTM D2863 |
| Extrusion | Nominal Value | Unit | |
| Melt Temperature | 188 | °C | |
| NOTE | | | |
| 1. | 30 mil slab | | |

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