

Karina GRAY PVC COMPOUND -E 853-18/48-DY-IS-AS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

UV RESISTANT PVC COMPOUND CLASS 70C (PVC/F) RECOMMENDED FOR INSULATION OF ELECTRICAL WIRES AND FLEXIBLE CORDS. ALSO SUITABLE FOR EXTRUSION OF NON STANDARD COAXIAL CABLE JACKET.

| General Information | | | |
|---|---------------------------------|-------------------|---------------|
| Features | Good UV Resistance | | |
| Uses | Cable Jacketing | | |
| | Electronic Insulation | | |
| | Wire & Cable Applications | | |
| Appearance | Grey | | |
| Physical | Nominal Value | Unit | Test Method |
| Density ¹ | 1.39 to 1.45 | g/cm ³ | IEC 60811-1-3 |
| Color | OK | | ME 12 |
| Color a | -2.64 to 0.360 | | ME 12 |
| Color b | -0.790 to 2.21 | | ME 12 |
| Color L | 70.9 to 73.9 | | ME 12 |
| Maximum Variation of Elongation | < 25 | % | IEC 60811-1-2 |
| Maximum Variation of Tensile Strength | < 25 | % | IEC 60811-1-2 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 86 to 90 | | NBR 7456 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress | > 12.6 | MPa | IEC 60811-1-1 |
| Tensile Strain (Yield) | > 150 | % | IEC 60811-1-1 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Strength ² | > 12.6 | MPa | IEC 60811-1-2 |
| Tensile Elongation ³ (Break) | > 150 | % | IEC 60811-1-2 |
| Electrical | Nominal Value | Unit | Test Method |
| Volume Resistivity ⁴ | > 1.0E+14 | ohms · cm | ASTM D257 |
| NOTE | | | |
| 1. | 24 hr | | |
| 2. | Aged in Air for 168 hr at 100°C | | |
| 3. | Aged in Air for 168 hr at 100°C | | |
| 4. | 24 hr | | |

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