

Karina GRAY PVC COMPOUND

751-18/126-B-IS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

PVC COMPOUND CLASS 70C (ST1) RECOMMENDED FOR ELECTRICAL FLEXIBLE CABLES JACKETING. ALSO SUITABLE FOR INJECTION OF PLUG.

| General Information | | | |
|---|---------------------------------|-------------------|---------------|
| Uses | Cable Jacketing | | |
| | Plugs | | |
| | Wire & Cable Applications | | |
| Appearance | Grey | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity ¹ | 1.32 to 1.38 | g/cm ³ | ASTM D792 |
| Color | OK | | ME 12 |
| Color a | -3.20 to -0.200 | | ME 12 |
| Color b | -3.34 to -0.340 | | ME 12 |
| Color L | 66.0 to 69.0 | | ME 12 |
| Maximum Variation | < 25 | % | IEC 60811-1-2 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 73 to 77 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | > 12.6 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | > 250 | % | ASTM D638 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Strength ² | > 12.6 | MPa | IEC 60811-1-2 |
| Tensile Elongation ³ (Break) | > 200 | % | IEC 60811-1-2 |
| Electrical | Nominal Value | Unit | Test Method |
| Volume Resistivity ⁴ | > 3.0E+13 | 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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