

Karina IVORY PVC COMPOUND 105471-35/ 1-Y-IS-SD-LMP

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

HEAVY METAL FREE PVC COMPOUND RECOMMENDED FOR THIN WALL INSULATION OF AUTOMOTIVE ELECTRICAL WIRES FOR WORKING AT THE TEMPERATURE RANGE OF - 40C TO 105C.

| General Information | | | |
|--------------------------------------|---------------------------|-------------------|---------------|
| Uses | Automotive Applications | | |
| | Electronic Insulation | | |
| | Wire & Cable Applications | | |
| Appearance | Ivory | | |
| Physical | Nominal Value | Unit | Test Method |
| Density ¹ | 1.31 to 1.37 | g/cm ³ | IEC 60811-1-3 |
| Color | OK | | ME 12 |
| Color a | -1.63 to 1.37 | | ME 12 |
| Color b | 8.71 to 11.7 | | ME 12 |
| Color L | 87.7 to 90.7 | | ME 12 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D, 15 sec) | 45 to 49 | | NBR 7456 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | > 19.6 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | > 200 | % | ASTM D638 |
| Electrical | Nominal Value | Unit | Test Method |
| Volume Resistivity ² | > 3.0E+14 | ohms·cm | NBR 5403 |
| NOTE | | | |
| 1. | 24 hr | | |
| 2. | 24 hr | | |

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