

Karina IVORY PVC COMPOUND

90540-35/1-Y-IS-SD

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

FLAME RETARDANT PVC COMPOUND RECOMMENDED FOR THIN WALL INSULATION OF AUTOMOTIVE ELECTRICAL WIRES FOR WORKING AT THE TEMPERATURE RANGE OF - 20C TO 105C.

| General Information | | | |
|---|---------------------------------|---------|---------------|
| Additive | Flame Retardant | | |
| Features | Flame Retardant | | |
| Uses | Automotive Applications | | |
| | Electronic Insulation | | |
| | Wire & Cable Applications | | |
| Appearance | Ivory | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity ¹ | 1.27 to 1.33 | g/cm³ | ASTM D792 |
| Color | 0.00OK | | ME 12 |
| Color a | -1.66 to 1.34 | | ME 12 |
| Color b | 4.56 to 7.56 | | ME 12 |
| Color L | 89.7 to 92.7 | | ME 12 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D, 15 sec) | 46 to 50 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | > 14.7 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | > 150 | % | ASTM D638 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Strength ² | > 0.00 | MPa | NBR 9148 |
| Tensile Elongation ³ (Break) | > 0.0 | % | IEC 60811-1-2 |
| Electrical | Nominal Value | Unit | Test Method |
| Volume Resistivity ⁴ | > 3.0E+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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