

VAMPSTAT C 10C 04

PC resin, 10% carbon fiber reinforced, semiconductive for injection moulding



| PROPERTY | CONDITIONS | NORMS | UNITS | VALUE |
|--------------------------------|------------------|-----------------|-------------------------|-----------------|
| PHYSICAL PROPERTIES | | | | |
| Density | - | ISO-1183 | g/cm ³ | 1,25 |
| MVR (300°C/1,2 kg) | - | ISO-1133 | cm ³ /10 min | 15 |
| Linear Mould Shrinkage | - | ASTM D-955 | % | 0,4 |
| Trasversal Mould Shrinkage | - | ASTM D-955 | % | 0,6 |
| THERMAL PROPERTIES | | | | |
| Heat Distortion Temperature | HDT A (1,80 MPa) | ASTM D-648 | °C | 120 |
| Long Term Temperature | - | Internal Method | °C | 120 |
| MECHANICAL PROPERTIES | | | | |
| Impact Strength Izod Notched | 23 °C | ISO-180/A | kJ/m ² | 6 |
| Impact Strength Izod Unnotched | 23 °C | ISO-180/U | kJ/m ² | 30 |
| Tensile Strength at Break | 23 °C | ISO-527/1-2 | MPa | 120 |
| Elongation at Break | 23 °C | ISO-527/1-2 | % | 2 |
| Tensile Modulus | 23 °C | ISO-527/1-2 | MPa | 9500 |
| ELECTRICAL PROPERTIES | | | | |
| Surface Resistivity | - | ASTM D257 | Ohm | 10 ⁴ |

