

VAMPAMID 66 2530 VO P60

PA66 resin 25% glass fiber reinforced, flame retarded with red phosphorus for injection moulding



| PROPERTY | CONDITIONS | NORMS | UNITS | VALUE |
|--------------------------------|------------------|-----------------|-------------------|-------|
| PHYSICAL PROPERTIES | | | | |
| Density | - | ISO-1183 | g/cm ³ | 1,34 |
| Linear Mould Shrinkage | - | ASTM D-955 | % | 0,6 |
| Trasversal Mould Shrinkage | - | ASTM D-955 | % | 1 |
| Water Adsorption | 23°C-24h | ASTM D-570 | % | 0,9 |
| THERMAL PROPERTIES | | | | |
| Heat Distortion Temperature | HDT A (1,80 MPa) | ASTM D-648 | °C | 235 |
| Long Term Temperature | - | Internal Method | °C | 120 |
| MECHANICAL PROPERTIES | | | | |
| Impact Strength Izod Notched | 23 °C | ISO-180/A | kJ/m ² | 8 |
| Impact Strength Izod Unnotched | 23 °C | ISO-180/U | kJ/m ² | 45 |
| Tensile Strength at Break | 23 °C | ISO-527/1-2 | MPa | 115 |
| Elongation at Break | 23 °C | ISO-527/1-2 | % | 2,5 |
| Tensile Modulus | 23 °C | ISO-527/1-2 | MPa | 8000 |
| ELECTRICAL PROPERTIES | | | | |
| Comparative Tracking Index | - | IEC 60112 | V | 600 |
| FLAME RESISTANCE | | | | |
| Thickness 3,0 mm | - | UL 94 | - | VO |
| Thickness 1,5 mm | - | UL 94 | - | VO |
| Thickness 0,8 mm | - | UL 94 | - | HB |
| GWFI (1 mm) | - | IEC 60695-2-12 | °C / mm | 960 |
| GWFI (2 mm) | - | IEC 60695-2-12 | °C / mm | 960 |

