

DENISAB 0513

ABS resin, 5% mineral filled for injection moulding



| PROPERTY | CONDITIONS | NORMS | UNITS | VALUE |
|--------------------------------|------------------|-----------------|-------------------------|-------|
| PHYSICAL PROPERTIES | | | | |
| Density | - | ISO-1183 | g/cm ³ | 1,08 |
| MVR (220°C/10 kg) | - | ISO-1133 | cm ³ /10 min | 30 |
| THERMAL PROPERTIES | | | | |
| Vicat Softening Point | VICAT B (50 N) | ASTM D-1525 | °C | 100 |
| Heat Distortion Temperature | HDT A (1,80 MPa) | ASTM D-648 | °C | 80 |
| Long Term Temperature | - | Internal Method | °C | 75 |
| MECHANICAL PROPERTIES | | | | |
| Impact Strength Izod Notched | 23 °C | ISO-180/A | kJ/m ² | 10 |
| Impact Strength Izod Unnotched | 23 °C | ISO-180/U | kJ/m ² | 25 |
| Tensile Strength at Break | 23 °C | ISO-527/1-2 | MPa | 40 |
| Elongation at Break | 23 °C | ISO-527/1-2 | % | >10 |
| Tensile Modulus | 23 °C | ISO-527/1-2 | MPa | 2700 |
| FLAME RESISTANCE | | | | |
| Thickness 1,7 mm | - | UL 94 | - | HB |
| Thickness 1,5 mm | - | UL 94 | - | HB |

