

DENIFORM 9

POM resin unfilled for injection moulding



| PROPERTY | CONDITIONS | NORMS | UNITS | VALUE |
|------------------------------|------------------|-----------------|-------------------------|-------|
| PHYSICAL PROPERTIES | | | | |
| Density | - | ISO-1183 | g/cm ³ | 1,41 |
| MVR (190°C/2,16 kg) | - | ISO-1133 | cm ³ /10 min | 9 |
| Linear Mould Shrinkage | - | ASTM D-955 | % | 2 |
| Trasversal Mould Shrinkage | - | ASTM D-955 | % | 1,8 |
| Water Adsorption | 23°C-Sat | ISO-62 | % | 0,75 |
| THERMAL PROPERTIES | | | | |
| Vicat Softening Point | VICAT B (50 N) | ASTM D-1525 | °C | 150 |
| Heat Distortion Temperature | HDT A (1,80 MPa) | ASTM D-648 | °C | 95 |
| Long Term Temperature | - | Internal Method | °C | 90 |
| MECHANICAL PROPERTIES | | | | |
| Impact Strength Izod Notched | 23 °C | ISO-180/A | kJ/m ² | 5,5 |
| Tensile Strength at Break | 23 °C | ISO-527/1-2 | MPa | 65 |
| Elongation at Break | 23 °C | ISO-527/1-2 | % | >10 |
| Tensile Modulus | 23 °C | ISO-527/1-2 | MPa | 2800 |
| FLAME RESISTANCE | | | | |
| Thickness 3,2 mm | - | UL 94 | - | HB |
| Thickness 1,5 mm | - | UL 94 | - | HB |
| Thickness 0,8 mm | - | UL 94 | - | HB |

