

DENILUB M 00U OSi

POM resin unfilled with improved slip and wear properties for injection moulding



| PROPERTY | CONDITIONS | NORMS | UNITS | VALUE |
|--------------------------------|------------------|-----------------|-------------------------|-------|
| PHYSICAL PROPERTIES | | | | |
| Density | - | ISO-1183 | g/cm ³ | 1,39 |
| MVR (190°C/2,16 kg) | - | ISO-1133 | cm ³ /10 min | 10 |
| Water Adsorption | 23°C-Sat | ISO-62 | % | 0,8 |
| THERMAL PROPERTIES | | | | |
| Vicat Softening Point | VICAT B (50 N) | ASTM D-1525 | °C | 145 |
| Heat Distortion Temperature | HDT A (1,80 MPa) | ASTM D-648 | °C | 85 |
| Long Term Temperature | - | Internal Method | °C | 90 |
| MECHANICAL PROPERTIES | | | | |
| Impact Strength Izod Notched | 23 °C | ISO-180/A | kJ/m ² | 7 |
| Impact Strength Izod Unnotched | 23 °C | ISO-180/U | kJ/m ² | 70 |
| Tensile Strength at Break | 23 °C | ISO-527/1-2 | MPa | 50 |
| Elongation at Break | 23 °C | ISO-527/1-2 | % | >100 |
| Tensile Modulus | 23 °C | ISO-527/1-2 | MPa | 2000 |