

DENYL HT 3510 Y

PPA/PA66 resin 35% glass fiber reinforced for injection moulding



| PROPERTY | CONDITIONS | NORMS | UNITS | VALUE |
|--------------------------------|------------------|-----------------|-------------------|-------|
| PHYSICAL PROPERTIES | | | | |
| Density | - | ISO-1183 | g/cm ³ | 1,48 |
| Linear Mould Shrinkage | - | ASTM D-955 | % | 0,3 |
| Trasversal Mould Shrinkage | - | ASTM D-955 | % | 0,7 |
| THERMAL PROPERTIES | | | | |
| Vicat Softening Point | VICAT B (50 N) | ASTM D-1525 | °C | 250 |
| Heat Distortion Temperature | HDT A (1,80 MPa) | ASTM D-648 | °C | 260 |
| Long Term Temperature | - | Internal Method | °C | 140 |
| MECHANICAL PROPERTIES | | | | |
| Impact Strength Izod Notched | 23 °C | ISO-180/A | kJ/m ² | 9 |
| Impact Strength Izod Unnotched | 23 °C | ISO-180/U | kJ/m ² | 50 |
| Tensile Strength at Break | 23 °C | ISO-527/1-2 | MPa | 190 |
| Elongation at Break | 23 °C | ISO-527/1-2 | % | 2 |
| Tensile Modulus | 23 °C | ISO-527/1-2 | MPa | 12500 |