

# DENYL P 3015

PA/PP blend, 30% Glass beads for injection moulding



| PROPERTY                       | CONDITIONS       | NORMS           | UNITS             | VALUE |
|--------------------------------|------------------|-----------------|-------------------|-------|
| <b>PHYSICAL PROPERTIES</b>     |                  |                 |                   |       |
| Density                        | -                | ISO-1183        | g/cm <sup>3</sup> | 1,23  |
| Linear Mould Shrinkage         | -                | ASTM D-955      | %                 | 1,1   |
| Trasversal Mould Shrinkage     | -                | ASTM D-955      | %                 | 1     |
| <b>THERMAL PROPERTIES</b>      |                  |                 |                   |       |
| Vicat Softening Point          | VICAT B (50 N)   | ASTM D-1525     | °C                | 130   |
| Heat Distortion Temperature    | HDT A (1,80 MPa) | ASTM D-648      | °C                | 60    |
| Long Term Temperature          | -                | Internal Method | °C                | 90    |
| <b>MECHANICAL PROPERTIES</b>   |                  |                 |                   |       |
| Impact Strength Izod Notched   | 23 °C            | ISO-180/A       | kJ/m <sup>2</sup> | 5     |
| Impact Strength Izod Unnotched | 23 °C            | ISO-180/U       | kJ/m <sup>2</sup> | 30    |
| Tensile Strength at Break      | 23 °C            | ISO-527/1-2     | MPa               | 40    |
| Elongation at Break            | 23 °C            | ISO-527/1-2     | %                 | >5    |
| Tensile Modulus                | 23 °C            | ISO-527/1-2     | MPa               | 2500  |

