

**Product Texts**

|                        |   |
|------------------------|---|
| Base Polymer           | Polyamide 66  |
| Filler/Additive System | 15 % glass fibres,25 % mineral                          |
| Special Features       | heat stabilised,improved surface appearance,low warpage |
| Typical Applications   | housings,functional components                          |

| <b>Mechanical properties</b>                         | <b>dry / cond</b> | <b>Unit</b>       | <b>Test Standard</b> |
|--|-------------------|-------------------|----------------------|
| <b>ISO Data</b>                                      |                   |                   |                      |
| <sup>[C]</sup> Tensile Modulus                       | <b>8200 / -</b>   | MPa               | ISO 527              |
| <sup>[C]</sup> Stress at break                       | <b>130 / -</b>    | MPa               | ISO 527              |
| <sup>[C]</sup> Strain at break                       | <b>2.5 / -</b>    | %                 | ISO 527              |
| <sup>[C]</sup> Charpy impact strength, +23°C         | <b>40 / -</b>     | kJ/m <sup>2</sup> | ISO 179/1eU          |
| <sup>[C]</sup> Charpy notched impact strength, +23°C | <b>3.5 / -</b>    | kJ/m <sup>2</sup> | ISO 179/1eA          |

[C]: CAMPUS

| <b>Thermal properties</b>                               | <b>dry / cond</b> | <b>Unit</b> | <b>Test Standard</b> |
|---|-------------------|-------------|----------------------|
| <b>ISO Data</b>   |                   |             |                      |
| <sup>[C]</sup> Temp. of deflection under load, 1.80 MPa | <b>250 / *</b>    | °C          | ISO 75-1/-2          |

[C]: CAMPUS

| <b>Other properties</b> | <b>dry / cond</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|-------------------|-------------------|----------------------|
| <sup>[C]</sup> Density  | <b>1460 / -</b>   | kg/m <sup>3</sup> | ISO 1183             |

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

**Special Characteristics**

Heat stabilized or stable to heat

**Other text information****Injection molding**

|                               |  |
|-------------------------------|--|
| Pre-Drying Conditions         | 80 °C in a dry air (dessiccant) dryer<br>for 2-12 h<br>dependant on moisture content |
| Processing Injection Moulding | melt temperature 280-300 °C<br>mould temperature 80-120 °C                           |
| Storage                       | dry, protected from light<br>not above 30°C  |