

**Product Texts**

Polycarbonate, 10% glass fibre reinforced with UV Stabilisation.  
For all kind of moulding parts with increased demand of stiffness.

| Processing/Physical Characteristics | Value | Unit    | Test Standard |
|-------------------------------------|-------|---------|---------------|
| <b>ISO Data</b>                     |       |         |               |
| Melt flow index, MFI                | 11    | g/10min | ISO 1133      |
| Temperature                         | 300   | °C      | -             |
| Load                                | 1.2   | kg      | -             |

| Mechanical properties                 | Value | Unit              | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                       |       |                   |               |
| Tensile Modulus                       | 3800  | MPa               | ISO 527       |
| Yield stress                          | 60    | MPa               | ISO 527       |
| Yield strain                          | 3     | %                 | ISO 527       |
| Charpy notched impact strength, +23°C | 8     | kJ/m <sup>2</sup> | ISO 179/1eA   |

| Thermal properties                       | Value | Unit  | Test Standard   |
|--|-------|-------|-----------------|
| <b>ISO Data</b>                          |       |       |                 |
| Temp. of deflection under load, 1.80 MPa | 130   | °C    | ISO 75-1/-2     |
| Vicat softening temperature, B           | 140   | °C    | ISO 306         |
| Burning behav. at 1.5 mm nom. thicken.   | V-2   | class | IEC 60695-11-10 |
| Thickness tested                         | 1.6   | mm    | -               |

| Other properties | Value | Unit              | Test Standard  |
|------------------|-------|-------------------|----------------|
| Water absorption | 0.31  | %                 | Sim. to ISO 62 |
| Density          | 1270  | kg/m <sup>3</sup> | ISO 1183       |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature                    | 120       | °C   | -             |
| Pre-drying - Time                           | 4         | h    | -             |
| Processing humidity                         | ≤0.03     | %    | -             |
| Mold temperature                            | 80 - 120  | °C   | -             |
| Feed temperature                            | 60 - 80   | °C   | -             |
| Zone 1                                      | 270 - 290 | °C   | -             |
| Nozzle temperature                          | 270 - 290 | °C   | -             |

**Characteristics**

**Processing**

Injection Molding

**Special Characteristics**

U.V. stabilized or stable to weather

**Delivery form**

Pellets

**Regional Availability**

Europe