



| TEREZ PC 9005 GF 10 FL HF LS | | | |
|---|------|-------------------|-----------------|
| PC | | Ter Plastics | |
| Product Texts | | | |
| Flame retardant Polycarbonate, medium flowability, 10% glassfibe reinforced, outstanding laser weldability. For injection moulding parts with increased demand of stiffness. | | | |
| Rheological properties | | Value | Unit |
| ISO Data | | | |
| Melt flow index, MFI | 12 | g/10min | ISO 1133 |
| MFI temperature | 300 | °C | ISO 1133 |
| MFI load | 1.2 | kg | ISO 1133 |
| Mechanical properties | | Value | Unit |
| ISO Data | | | |
| Tensile Modulus | 3500 | MPa | ISO 527-1/-2 |
| Yield stress | 70 | MPa | ISO 527-1/-2 |
| Yield strain | 5 | % | ISO 527-1/-2 |
| Stress at break | 65 | MPa | ISO 527-1/-2 |
| Strain at break | 17 | % | ISO 527-1/-2 |
| Charpy impact strength (+23°C) | 35 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength (+23°C) | 8 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | Value | Unit |
| ISO Data | | | |
| Vicat softening temperature, 50°C/h 50N | 150 | °C | ISO 306 |
| Burning behav. at 1.5 mm nom. thickn. | V-0 | class | IEC 60695-11-10 |
| Thickness tested | 1.6 | mm | IEC 60695-11-10 |
| Other properties | | Value | Unit |
| ISO Data | | | |
| Density | 1300 | kg/m ³ | ISO 1183 |
| Characteristics | | | |
| Special Characteristics | | | |
| Flame retardant, Light stabilized or stable to light | | | |