

■ Preliminary Technical Information

TEREZ[®] PC 1107 GF10

Description Good-flowing polycarbonate industrial quality with 10% glass fiber reinforcement.

Application Particularly suitable for producing rigid thin-walled injection-molded parts.

| Properties | Norm | Unit | Value |
|--|----------|-------------------|--------|
| Density | ISO 1183 | g/cm ³ | 1,2500 |
| Melt flow index (MFI) | ISO 1133 | g/10 min | 20,00 |
| MFI Temperature | ISO 1133 | °C | 300 |
| MFI Load | ISO 1133 | kg | 1,20 |
| Impact strength Charpy (Notched 23°C), dry | ISO 179 | kJ/m ² | 8 |
| Tensile-modulus, dry | ISO 527 | MPa | 3600 |
| Elongation at break, dry | ISO 527 | % | 4,00 |
| Elongation at yield, dry | ISO 527 | % | 3,00 |
| Tensile stress at yield, dry | ISO 527 | MPa | 62 |
| Vicat B/50 | ISO 306 | °C | 145 |
| Water absorption | ISO 62 | % | 0,31 |

Processing guidelines

| | | |
|------------------------|--------|---------|
| Processing temperature | °C | 270-300 |
| Predrying | °C / h | 120 / 4 |

Details

All specified data are for reference only. Typical values for uncolored product at 23°C. The data were usually generated from specimen tests and do not exempt the user from own measurements according to usage. The specified data do not represent guaranteed properties. The preliminary Technical Information is valid through 23.08.2018. Beyond this date the user is welcome to request a new valid data sheet.