

TEREZ PA 6.6 7500 TF 20 GF 30

Polyamide 66
TER HELL PLASTIC GMBH

Message:
Medium viscosity quality with 30% glass fibre reinforcement as well as 20% PTFE, chemically bonded.
For moulding parts with high stiffness and good sliding properties.

| General Information | | | |
|---|----------------------------------|-------|-------------|
| Filler / Reinforcement | Glass Fiber,30% Filler by Weight | | |
| Additive | PTFE Lubricant (20%) | | |
| Features | Chemically Coupled | | |
| | High Stiffness | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.52 | g/cm³ | ISO 1183 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 9800 | MPa | ISO 527-2 |
| Tensile Stress (Break) | 160 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 2.2 | % | ISO 527-2 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength (23°C) | 12 | kJ/m² | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C) | 80 | kJ/m² | ISO 179/1eU |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature | | | |
| 0.45 MPa, Unannealed | 250 | °C | ISO 75-2/B |
| 1.8 MPa, Unannealed | 230 | °C | ISO 75-2/A |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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