

# TEREZ PA 6 7500 GF 60

Polyamide 6  
TER HELL PLASTIC GMBH

Message:  
Medium viscosity polyamide 6, 60% glassfiber reinforced, good flowability and good impact resistance.  
For all kind of moulding parts with very high stiffness.

| General Information                     |                                  |                   |             |
|---|----------------------------------|-------------------|-------------|
| Filler / Reinforcement                  | Glass Fiber,60% Filler by Weight |                   |             |
| Features                                | Good Flow                        |                   |             |
|   | Good Impact Resistance           |                   |             |
|   | High Stiffness                   |                   |             |
|   | Medium Viscosity                 |                   |             |
| Processing Method                       | Injection Molding                |                   |             |
| Physical                                | Nominal Value                    | Unit              | Test Method |
| Density                                 | 1.65                             | g/cm <sup>3</sup> | ISO 1183    |
| Mechanical                              | Nominal Value                    | Unit              | Test Method |
| Tensile Modulus                         | 19100                            | MPa               | ISO 527-2   |
| Tensile Strain                          |                                  |                   | ISO 527-2   |
| Yield                                   | 1.0                              | %                 |             |
| Break                                   | 1.5                              | %                 |             |
| Impact                                  | Nominal Value                    | Unit              | Test Method |
| Charpy Notched Impact Strength (23°C)   | 16                               | kJ/m <sup>2</sup> | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C) | 76                               | kJ/m <sup>2</sup> | ISO 179/1eU |
| Thermal                                 | Nominal Value                    | Unit              | Test Method |
| Heat Deflection Temperature             |                                  |                   |             |
| 0.45 MPa, Unannealed                    | 205                              | °C                | ISO 75-2/B  |
| 1.8 MPa, Unannealed                     | 195                              | °C                | ISO 75-2/A  |

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