

# TEREZ PA 6.6 7500 TF 20 N

Polyamide 66  
TER HELL PLASTIC GMBH

Message:  
Polyamide 66, 20% PTFE chemically bonded, nanomodified.  
For injection moulding parts with increased Demand of abrasion and anti-friction properties.

| General Information                     |                          |                   |             |
|-----------------------------------------|--------------------------|-------------------|-------------|
| Filler / Reinforcement                  | Unspecified Nano         |                   |             |
| Additive                                | PTFE Lubricant (20%)     |                   |             |
| Features                                | Chemically Coupled       |                   |             |
|                                         | Good Abrasion Resistance |                   |             |
| Processing Method                       | Injection Molding        |                   |             |
| Physical                                | Nominal Value            | Unit              | Test Method |
| Density                                 | 1.26                     | g/cm <sup>3</sup> | ISO 1183    |
| Mechanical                              | Nominal Value            | Unit              | Test Method |
| Tensile Modulus                         | 3800                     | MPa               | ISO 527-2   |
| Tensile Strain (Yield)                  | 2.0                      | %                 | ISO 527-2   |
| Elastomers                              | Nominal Value            | Unit              | Test Method |
| Tear Strength                           | 65                       | kN/m              | ISO 34-1    |
| Impact                                  | Nominal Value            | Unit              | Test Method |
| Charpy Notched Impact Strength (23°C)   | 4.0                      | kJ/m <sup>2</sup> | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C) | 70                       | kJ/m <sup>2</sup> | ISO 179/1eU |
| Thermal                                 | Nominal Value            | Unit              | Test Method |
| Heat Deflection Temperature             |                          |                   |             |
| 0.45 MPa, Unannealed                    | 220                      | °C                | ISO 75-2/B  |
| 1.8 MPa, Unannealed                     | 75.0                     | °C                | ISO 75-2/A  |

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