

# TEREZ PA 6.6 7600 H

Polyamide 66  
TER HELL PLASTIC GMBH

Message:  
Medium viscosity Polyamide 6.6, good flowability and heat stabilisation.  
For long moulding parts, short cycletime, good demoulding.

| General Information                          |                    |                   |             |
|----------------------------------------------|--------------------|-------------------|-------------|
| Additive                                     | Heat Stabilizer    |                   |             |
| Features                                     | Fast Molding Cycle |                   |             |
|                                              | Good Flow          |                   |             |
|                                              | Good Mold Release  |                   |             |
|                                              | Heat Stabilized    |                   |             |
|                                              | Medium Viscosity   |                   |             |
| Processing Method                            | Injection Molding  |                   |             |
| Physical                                     | Nominal Value      | Unit              | Test Method |
| Density                                      | 1.14               | g/cm <sup>3</sup> | ISO 1183    |
| Water Absorption (Equilibrium, 23°C, 50% RH) | 2.3                | %                 | ISO 62      |
| Mechanical                                   | Nominal Value      | Unit              | Test Method |
| Tensile Modulus                              | 3600               | MPa               | ISO 527-2   |
| Tensile Strain (Yield)                       | 4.0                | %                 | ISO 527-2   |
| Impact                                       | Nominal Value      | Unit              | Test Method |
| Charpy Notched Impact Strength (23°C)        | 6.0                | kJ/m <sup>2</sup> | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C)      | No Break           |                   | ISO 179/1eU |
| Thermal                                      | Nominal Value      | Unit              | Test Method |
| Heat Deflection Temperature                  |                    |                   |             |
| 0.45 MPa, Unannealed                         | 225                | °C                | ISO 75-2/B  |
| 1.8 MPa, Unannealed                          | 80.0               | °C                | ISO 75-2/A  |
| Electrical                                   | Nominal Value      | Unit              | Test Method |
| Surface Resistivity                          | 1.0E+13            | ohms              | IEC 60093   |
| Volume Resistivity                           | 1.0E+14            | ohms · cm         | IEC 60093   |
| Comparative Tracking Index                   | 600                | V                 | IEC 60112   |

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