

# TEREZ PA 6 7600 FL HF/2

Polyamide 6  
TER HELL PLASTIC GMBH

Message:  
None halogenous flame retardent Polyamide 6 of good flowability.  
For flame retardent long moulding parts.

| General Information                     |                   |                   |             |
|-----------------------------------------|-------------------|-------------------|-------------|
| Additive                                | Flame Retardant   |                   |             |
| Features                                | Flame Retardant   |                   |             |
|                                         | Good Flow         |                   |             |
|                                         | Halogen Free      |                   |             |
| Processing Method                       | Injection Molding |                   |             |
| Physical                                | Nominal Value     | Unit              | Test Method |
| Density                                 | 1.15              | g/cm <sup>3</sup> | ISO 1183    |
| Mechanical                              | Nominal Value     | Unit              | Test Method |
| Tensile Modulus                         | 3700              | MPa               | ISO 527-2   |
| Tensile Strain (Yield)                  | 2.4               | %                 | ISO 527-2   |
| Elastomers                              | Nominal Value     | Unit              | Test Method |
| Tear Strength                           | 75                | 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) | 45                | kJ/m <sup>2</sup> | ISO 179/1eU |
| Thermal                                 | Nominal Value     | Unit              | Test Method |
| Heat Deflection Temperature             |                   |                   |             |
| 0.45 MPa, Unannealed                    | 185               | °C                | ISO 75-2/B  |
| 1.8 MPa, Unannealed                     | 75.0              | °C                | ISO 75-2/A  |

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