

■ Technical Information

TEREZ[®] PA 6.6 7600 FL HF

Description PA66 medium viscosity, flame retardent with good flowability and impact strength.

Application self-extinguishing moulding parts with deep flow, short moulding cycles and good demoldability.

Properties	Norm	Unit	Value
Density	ISO 1183	g/cm ³	1,1800
Impact strength Charpy (Notched 23°C), dry	ISO 179	kJ/m ²	4
Impact strength Charpy 23°C, dry	ISO 179	kJ/m ²	60
Tensile-modulus, dry	ISO 527	MPa	3600
Tensile strength, dry	ISO 527	MPa	85
Elongation at break, dry	ISO 527	%	5
Elongation at yield, dry	ISO 527	%	3,00
Yield strength, dry	ISO 527	MPa	100
HDT 0,45 MPa	ISO 75	°C	215
HDT 1,81 MPa	ISO 75	°C	85
CTI	IEC 60112	V	550
UL 94 1,6 mm	acc. to UL 94		V-0
GWIT at 1,5 mm	IEC 60695-2-13	°C	960
GWFI at 1,5 mm	IEC 60695-2-12	°C	960
Water absorption	ISO 62	%	7,00
Moisture absorption	ISO 62	%	2,20

Processing guidelines

Processing temperature	°C	270-290
Predrying	°C / h	90 / 4

Details

All specified data are reference data. Typical values for uncolored product at 23°C.

The data were generated from specimen tests and do not exempt the use from own measurements according to usage.
The specified data do not represent guaranteed properties.