

■ Technical Information

TEREZ[®] PA 6.6 7600

Description Unfilled Polyamide 6.6, good flowability and impact strength.

Application Good for long moulding parts, short cycle times and good demoulding properties.

Properties	Norm	Unit	Value
Density	ISO 1183	g/cm ³	1,1400
Impact strength Charpy (Notched 23°C), dry	ISO 179	kJ/m ²	6
Impact strength Charpy 23°C, dry	ISO 179	kJ/m ²	NB
Tensile-modulus, dry	ISO 527	MPa	3200
Tensile strength, dry	ISO 527	MPa	90
Elongation at break, dry	ISO 527	%	25
Elongation at yield, dry	ISO 527	%	4,00
Yield strength, dry	ISO 527	MPa	95
HDT 0,45 MPa	ISO 75	°C	195
HDT 1,81 MPa	ISO 75	°C	85
UL 94 1,6 mm	acc. to UL 94		HB
GWIT at 1,5 mm	IEC 60695-2-13	°C	650
GWFI at 1,5 mm	IEC 60695-2-12	°C	650
Water absorption	ISO 62	%	8,50
Moisture absorption	ISO 62	%	2,30

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.