

■ Technical Information

TEREZ[®] PA 6.6 HT 7110 GF 41 FL-HF/2

Description Partly aromatic Polyamide 6.6 Copolymer, 41 % glassfiber reinforced and flame retardants.

Application Stiff moulding parts with high stiffness by outstanding thermal stability, reduced warpage.

Properties	Norm	Unit	Value
Density	ISO 1183	g/cm ³	1,5600
Impact strength Charpy (Notched 23°C), dry	ISO 179	kJ/m ²	8
Impact strength Charpy 23°C, dry	ISO 179	kJ/m ²	56
Tensile-modulus, dry	ISO 527	MPa	15500
Tensile strength, dry	ISO 527	MPa	210
Elongation at break, dry	ISO 527	%	2,5
Tensile strength at break, dry	ISO 527	MPa	185
Elongation at yield, dry	ISO 527	%	2,00
Tensile stress at yield, dry	ISO 527	MPa	210
HDT 0,45 MPa	ISO 75	°C	245
HDT 1,81 MPa	ISO 75	°C	230
UL 94 1,6 mm	acc. to UL 94		V-0
GWFI at 1,5 mm	IEC 60695-2-12	°C	960
Moisture absorption	ISO 62	%	0,60

Processing guidelines

Processing temperature	°C	275-295
Predrying	°C / h	90 / 2-3

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.