

TECHNICAL DATA SHEET

TEREZ® PA 6.6 7500 GF 30

TEREZ PERFORMANCE POLYMERS

PA66-GF30

Product Text

Product Information

Medium-viscosity standard quality, 30 % glass fiber reinforced, good flowability, good toughness and bright natural colour.

For all kind of moulding parts with high stiffness.

Mechanical Properties	Value	Unit	Standard
Tensile modulus	10000	MPa	ISO 527
Tensile strength	170	MPa	ISO 527
Yield stress	180	MPa	ISO 527
Yield strain	3	%	ISO 527
Strain at break	4	%	ISO 527
Poisson's ratio	0.35		ISO 527
Charpy impact strength, +23°C	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA
Thermal Properties	Value	Unit	Standard
Temp. of deflection under load, 1.80 MPa	215	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	235	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	
Electrical Properties	Value	Unit	Standard
Comparative tracking index	600		IEC 60112
Other Properties	Value	Unit	Standard
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	1.6	%	Sim. to ISO 62
Density	1370	kg/m ³	ISO 1183