



TEREZ PA 6 7500 GF 35

PA6

Ter Plastics

Product Texts

Medium viscosity Polyamide 6, 35 % glassfiber reinforced.

For moulding parts with very high stiffness and good impact resistance.

Mechanical properties	dry / cond	Unit	Test Standard
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ISO Data

Tensile Modulus	10500 / 7400	MPa	ISO 527-1/-2
Tensile Strength	135 / -	MPa	ISO 527-1/-2
Yield stress	185 / -	MPa	ISO 527-1/-2
Strain at break	3 / -	%	ISO 527-1/-2
Charpy impact strength (+23°C)	80 / 100	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	15 / 25	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
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ISO Data

Temp. of deflection under load (1.80 MPa)	200 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	210 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	IEC 60695-11-10

Other properties	dry / cond	Unit	Test Standard
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ISO Data

Water absorption	7 / *	%	Sim. to ISO 62
Humidity absorption	2.4 / *	%	Sim. to ISO 62
Density	1410 / -	kg/m ³	ISO 1183