

TEREZ PA 6.6 HT 7500 GF 50

PA66

Ter Plastics

Product Texts

PA66 with partially aromatic content, 50% reinforced and improved flowability
 For all kind of injection moulding parts with high requirements of strength

Mechanical properties	Value	Unit	Test Standard
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ISO Data

Tensile Modulus	13500	MPa	ISO 527-1/-2
Tensile Strength	220	MPa	ISO 527-1/-2
Stress at break	190	MPa	ISO 527-1/-2
Strain at break	1.5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	75	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	15	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
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ISO Data

Temp. of deflection under load (1.80 MPa)	250	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	240	°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	Value	Unit	Test Standard
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ISO Data

Water absorption	3	%	Sim. to ISO 62
Humidity absorption	1	%	Sim. to ISO 62
Density	1560	kg/m ³	ISO 1183