



TEREZ PA 6 7510 GF 15 GK 15

PA6

Ter Plastics

Product Texts

PA 6 standard type with medium viscosity with 15% glass fiber and 15% glass beads filled
For low distortion molding parts

Mechanical properties	Value	Unit	Test Standard
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ISO Data

Tensile Modulus	6800	MPa	ISO 527-1/-2
Tensile Strength	100	MPa	ISO 527-1/-2
Yield stress	105	MPa	ISO 527-1/-2
Yield strain	1.6	%	ISO 527-1/-2
Stress at break	103	MPa	ISO 527-1/-2
Strain at break	2.5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	40	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	4	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)	165	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	200	°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

Electrical properties	Value	Unit	Test Standard
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ISO Data

Comparative tracking index	550	-	IEC 60112
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Other properties	Value	Unit	Test Standard
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ISO Data

Water absorption	6.5	%	Sim. to ISO 62
Humidity absorption	1.9	%	Sim. to ISO 62
Density	1360	kg/m ³	ISO 1183