



TEREZ PA 6.6 8950 T GF 30			
PA66			Ter Plastics
Product Texts			
Low-temperature impact strength modified PA66, 30% glassfiber reinforced. For rigid and cold impact resistant moulding parts.			
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8500	MPa	ISO 527-1/-2
Tensile Strength	160	MPa	ISO 527-1/-2
Yield stress	165	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Stress at break	145	MPa	ISO 527-1/-2
Strain at break	5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	90	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	90	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	20	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	17	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data	Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)	210	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	225	°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			
ISO Data	Value	Unit	Test Standard
Water absorption	4.7	%	Sim. to ISO 62
Humidity absorption	1.4	%	Sim. to ISO 62
Density	1320	kg/m ³	ISO 1183