


TEREZ PA 4.6 7115 TF 15

(PA46+PTFE)

Ter Plastics

Product Texts

Polyamid 4.6, 15 % PTFE chemically bonded.
For injection moulding parts with improved wear resistance and friction properties.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2800	MPa	ISO 527-1/-2
Tensile Strength	88	MPa	ISO 527-1/-2
Yield stress	88	MPa	ISO 527-1/-2
Stress at break	87	MPa	ISO 527-1/-2
Strain at break	17	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	7	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	195	°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			
Water absorption	12	%	Sim. to ISO 62
Humidity absorption	3	%	Sim. to ISO 62
Density	1270	kg/m ³	ISO 1183