

TEREZ PA 6 7750 TK

PA6

Ter Plastics

Product Texts

Medium viscosity, high impact modified standard grade with crystallization accelerator and good flowability.
 For moulding parts with high impact stress.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2900	MPa	ISO 527-1/-2
Tensile Strength	65	MPa	ISO 527-1/-2
Yield stress	70	MPa	ISO 527-1/-2
Yield strain	2.5	%	ISO 527-1/-2
Strain at break	20	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	9	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	55	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	160	°C	ISO 75-1/-2
Vicat softening temperature A	196	°C	ISO 306
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
ISO Data			
Comparative tracking index	550	-	IEC 60112

Other properties	Value	Unit	Test Standard
ISO Data			
Water absorption	8	%	Sim. to ISO 62
Humidity absorption	2.1	%	Sim. to ISO 62
Density	1130	kg/m ³	ISO 1183