



TEREZ PA 6 7111			
PA6			Ter Plastics
Product Texts			
Polyamid without release agent for injection moulding and extrusion. For all kind of moulding parts.			
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2800	MPa	ISO 527-1/-2
Tensile Strength	82	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Strain at break	50	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data	Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)	60	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	195	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Electrical properties			
ISO Data	Value	Unit	Test Standard
Volume resistivity	1E15	Ohm*m	IEC 60093
Surface resistivity	1E15	Ohm	IEC 60093
Comparative tracking index	600	-	IEC 60112
Other properties			
ISO Data	Value	Unit	Test Standard
Water absorption	9.5	%	Sim. to ISO 62
Humidity absorption	2.5	%	Sim. to ISO 62
Density	1130	kg/m ³	ISO 1183