


TEREZ PA/PP 7110/5

(PA6+PP)

Ter Plastics

Product Texts

Medium viscosity, impact resistant modified blend with good mechanical properties.
 For high impact stress at low moisture absorption.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2600	MPa	ISO 527-1/-2
Tensile Strength	53	MPa	ISO 527-1/-2
Yield stress	58	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Strain at break	15	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	11	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	65	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	155	°C	ISO 75-1/-2
Vicat softening temperature A	153	°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
Other properties			
ISO Data			
Water absorption	5	%	Sim. to ISO 62
Humidity absorption	1.2	%	Sim. to ISO 62
Density	1050	kg/m ³	ISO 1183