


**TEREZ PA/PP 7810/1 HI
(PA6+PP)**

Ter Plastics

Product Texts

Highly viscose composition impact modified PA/PP Blend with well mechanical properties
For high impact stress and low water absorption

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1200	MPa	ISO 527-1/-2
Tensile Strength	30	MPa	ISO 527-1/-2
Yield stress	35	MPa	ISO 527-1/-2
Yield strain	25	%	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)	60	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	60	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	140	°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	Value	Unit	Test Standard
ISO Data			
Water absorption	4.5	%	Sim. to ISO 62
Humidity absorption	1.48	%	Sim. to ISO 62
Density	1030	kg/m ³	ISO 1183