


TEREZ PA/ABS Blend 3610/4

(PA6+ABS)

Ter Plastics

Product Texts

Impact resistant Blend with reduced moisture absorption and good flowability.
 For molded parts with increased demand of impact strength and cold impact strength. For injection moulding.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	30	g/10min	ISO 1133
MFI temperature	260	°C	ISO 1133
MFI load	5	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2300	MPa	ISO 527-1/-2
Tensile Strength	58	MPa	ISO 527-1/-2
Strain at break	60	%	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)	30	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	10	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)	125	°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	5	%	Sim. to ISO 62
Humidity absorption	1.6	%	Sim. to ISO 62
Density	1100	kg/m ³	ISO 1183