

TEREZ PA/ABS Blend 3610/5

(PA6+ABS)

Ter Plastics

Product Texts

Impact resistant PA/ABS Blend with requirements well flow characteristics
 For all kind of injection molding parts with increased low-temperature impact strength

Rheological properties	Value	Unit	Test Standard
-------------------------------	--------------	-------------	----------------------

ISO Data

Melt flow index, MFI	38	g/10min	ISO 1133
MFI temperature	260	°C	ISO 1133
MFI load	5	kg	ISO 1133

Mechanical properties	Value	Unit	Test Standard
------------------------------	--------------	-------------	----------------------

ISO Data

Tensile Modulus	2200	MPa	ISO 527-1/-2
Tensile Strength	55	MPa	ISO 527-1/-2
Strain at break	40	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	38	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
---------------------------	--------------	-------------	----------------------

ISO Data

Temp. of deflection under load (1.80 MPa)	62	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	150	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	120	°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	Value	Unit	Test Standard
-------------------------	--------------	-------------	----------------------

ISO Data

Water absorption	7	%	Sim. to ISO 62
Humidity absorption	2.2	%	Sim. to ISO 62
Density	1080	kg/m ³	ISO 1183