

TEREZ PC/ABS Blend 3301 GF 10
 (PC+ABS)

Ter Plastics

Product Texts
 PC/ABS Blend with high heat resistance, 10% glassfibre reinforced.
 For injection moulding parts.

Rheological properties **Value** **Unit** **Test Standard**
ISO Data

Melt flow index, MFI	15	g/10min	ISO 1133
MFI temperature	250	°C	ISO 1133
MFI load	5	kg	ISO 1133

Mechanical properties **Value** **Unit** **Test Standard**
ISO Data

Tensile Modulus	3900	MPa	ISO 527-1/-2
Yield stress	65	MPa	ISO 527-1/-2
Yield strain	3	%	ISO 527-1/-2
Stress at break	63	MPa	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy impact strength (+23°C)	30	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	13	kJ/m ²	ISO 179/1eA

Thermal properties **Value** **Unit** **Test Standard**
ISO Data

Temp. of deflection under load (1.80 MPa)	118	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	130	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	129	°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

Density	1200	kg/m ³	ISO 1183
---------	------	-------------------	----------