


TEREZ PC/ABS Blend 2000 GF 20
(PC+ABS)

Ter Plastics

Product Texts

Heat distortion resistant PC/ABS Blend with 20%GF reinforce
 For all kind of injection moulding parts with increased requirements of stiffness

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	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	6000	MPa	ISO 527-1/-2
Tensile Strength	70	MPa	ISO 527-1/-2
Yield stress	75	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	75	MPa	ISO 527-1/-2
Strain at break	2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	30	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5	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	120	°C	ISO 306

Other properties	Value	Unit	Test Standard
ISO Data			
Density	1250	kg/m ³	ISO 1183