

TEREZ PC/ABS Blend 3000 GF 20
 (PC+ABS)

Ter Plastics

Product Texts

PC/ABS Blend with 20% glasfibre

For all kind of injection molding parts with high demand on heat resistance

Rheological properties	Value	Unit	Test Standard
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ISO Data

Melt flow index, MFI	20	g/10min	ISO 1133
MFI temperature	250	°C	ISO 1133
MFI load	5	kg	ISO 1133

Mechanical properties	Value	Unit	Test Standard
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ISO Data

Tensile Modulus	6500	MPa	ISO 527-1/-2
Stress at break	93	MPa	ISO 527-1/-2
Strain at break	1.5	%	ISO 527-1/-2
Charpy impact strength (+23°C)	24	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	7	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
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ISO Data

Temp. of deflection under load (1.80 MPa)	116	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	127	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	128	°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

Electrical properties	Value	Unit	Test Standard
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ISO Data

Volume resistivity	1E14	Ohm*m	IEC 60093
Surface resistivity	1E16	Ohm	IEC 60093
Comparative tracking index	175	-	IEC 60112

Other properties	Value	Unit	Test Standard
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ISO Data

Water absorption	0.61	%	Sim. to ISO 62
Humidity absorption	0.22	%	Sim. to ISO 62
Density	1290	kg/m ³	ISO 1183