

RENATUS® BLR6001MZ

PET-(GF+MX)30

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	90	MPa	ISO 527
Strain at break	1.6	%	ISO 527
Flexural modulus, 23°C	7500	MPa	ISO 178
Flexural strength	143	MPa	ISO 178
Charpy notched impact strength, +23°C	3.2	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	219	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Yellow Card available	yes	-	-
Electrical properties			
ISO Data			
Volume resistivity	2E14	Ohm*m	IEC 62631-3-1
Electric strength	21	kV/mm	IEC 60243-1
Comparative tracking index	225	-	IEC 60112
Other properties			
Density	1600	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Regional Availability

Asia Pacific

Features

Low Warpage