

DURANEX® 3200

PBT-GF20

Polyplastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	120	MPa	ISO 527
Strain at break	2.8	%	ISO 527
Flexural modulus, 23°C	6570	MPa	ISO 178
Flexural strength	176	MPa	ISO 178
Charpy notched impact strength, +23°C	6.7	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 100	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	207	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	30	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	90	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Yellow Card available	yes	-	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	5E14	Ohm*m	IEC 62631-3-1
Electric strength	22	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Density	1450	kg/m ³	ISO 1183

Characteristics**Regional Availability**

Asia Pacific