

BESTDUR THG4U /11

PBT-GF20

Grupo Triesa

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7200	MPa	ISO 527
Tensile Strength	122	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	45	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	195	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	1E15	Ohm	IEC 62631-3-2
Electric strength	30	kV/mm	IEC 60243-1
Other properties	Value	Unit	Test Standard
Water absorption	0.1	%	Sim. to ISO 62
Density	1450	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

Europe