

KEBATER PBT BF220

PBT-GF20

Barlog plastics GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	6700	MPa	ISO 527
Stress at break	110	MPa	ISO 527
Strain at break	3	%	ISO 527
Charpy impact strength, +23°C	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Other properties			
Value			
Humidity absorption	0.15	%	Sim. to ISO 62
Density	1450	kg/m ³	ISO 1183

Characteristics**Features**

Low Warpage, Tribologic Grade

Chemical Resistance

General Chemical Resistance

Certifications

Food contact

Applications

Automotive, Electrical and Electronical, Encapsulation, Medical

Regional Availability

Europe