

KEBATER PBT BFE20

PBT-GF20

Barlog plastics GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	8000	MPa	ISO 527
Stress at break	115	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Other properties			
Density	1570	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant

Features

Low Warpage, Tribologic Grade

Chemical Resistance

General Chemical Resistance, Hydrolytically Stable

Applications

Automotive, Encapsulation

Regional Availability

Europe