

KEBATER PBT BM240

PBT-MX40

Barlog plastics GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	4000	MPa	ISO 527
Stress at break	45	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	15	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Other properties			
Humidity absorption	0.15	%	Sim. to ISO 62
Density	1810	kg/m ³	ISO 1183

Characteristics**Features**

Low Warpage, Tribologic Grade

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical, Encapsulation

Regional Availability

Europe