

KEPITAL® MX20BT01

POM

Korea Engineering Plastics Co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	9	g/10min	ISO 1133
Molding shrinkage, parallel	2.0	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	64	MPa	ISO 527
Yield strain	10	%	ISO 527
Nominal strain at break	32	%	ISO 527
Flexural modulus, 23°C	2550	MPa	ISO 178
Charpy notched impact strength, +23°C	6.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	100	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	120	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Electrical properties			
ISO Data			
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Electric strength	19	kV/mm	IEC 60243-1
Other properties			
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Applications

Medical

Regional Availability

North America, Europe, Asia Pacific