

PRODUCT INFORMATION**Metric & SI unit****Acetal Copolymer**
KEPITAL®

KOREA ENGINEERING PLASTICS CO., LTD.

MX25BT01

A medium-low viscosity standard grade for general injection molding that meets the regulatory affairs for medical application

Property	Test Method	Unit	Value
Physical			
Density	ISO 1183	g/cm ³	1.41
Melt flow rate	ISO 1133	g/10min	13
Thermal			
Deflection temperature 1.8MPa	ISO 75-1,2	°C	100
Mechanical			
Tensile strength 23°C	ISO 527-1,2	MPa	65
Nominal strain at break 23°C	ISO 527-1,2	%	30
Flexural strength 23°C	ISO 178	MPa	90
Flexural modulus 23°C	ISO 178	Mpa	2,600
Charpy notched impact strength	ISO 179/1eA	kJ/m ²	6.5
Electrical			
Surface resistivity	IEC 60093	Ω	1 x 10 ¹⁶
Volume resistivity	IEC 60093	Ω · cm	1 x 10 ¹⁴
Dielectric strength	IEC 60243-1	kV/mm	19
Molding shrinkage (//Direction) t3mm, Φ 100mm		%	2.0

Properties are subject to change with a new knowledge and development.

DISCLAIMER: The information contained herein is based on our current knowledge and investigations and is based on only above-mentioned product produced in Korea Engineering Plastics Co., Ltd ("KEP") as delivered in the original packaging. It doesn't relate to any products made of this product with the inclusion of more additives, such as processing aids or colorants. This information should not be construed as a promise or guarantee of specific properties of the product described or its suitability for a particular application. It is the sole responsibility of the users to investigate whether any existing patents are infringed by the use of this product. This product is not intended for use in medical or dental implants. Users shall meet all safety and health standards. Any intellectual property rights are observed. KOREA ENGINEERING PLASTICS CO., LTD.

KOREA ENGINEERING PLASTICS CO., LTD.**Head office Tel. 82-2-707-6841/48****Research center Tel. 82-31-436-1300**