

Acetal Copolymer  
**KEPITAL®**

KOREA ENGINEERING PLASTICS CO., LTD.

**F20-03**

A medium viscosity grade for general injection molding. It has improved on thermal stability.

Property	Test Method	Unit	Value
<b>Physical</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.41
Melt flow rate	ISO 1133	g/10min	9
<b>Thermal</b>			
Deflection temperature	1.8MPa	ISO 75-1,2	100
Flammability	UL94	–	HB
<b>Mechanical</b>			
Tensile strength	23	ISO 527-1,2	kgf/cm <sup>2</sup> (MPa) 660 (65)
Nominal strain at break	23	ISO 527-1,2	% 35
Flexural strength	23	ISO 178	kgf/cm <sup>2</sup> (MPa) 890 (87)
Flexural modulus	23	ISO 178	10 <sup>4</sup> kgf/cm <sup>2</sup> (MPa) 2.60 (2,550)
Charpy notched impact strength		ISO 179/1eA	kgf · cm/cm (kJ/m <sup>2</sup> ) 6.6 (6.5)
<b>Electrical</b>			
Surface resistivity		IEC 60093	1 10 <sup>16</sup>
Volume resistivity		IEC 60093	· cm 1 10 <sup>14</sup>
Dielectric strength		IEC 60243-1	kV/mm 19
Molding shrinkage (Flow Direction) t3mm, 100mm			% 2.0

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

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