

# PRODUCT INFORMATION

Metric & SI unit

Acetal Copolymer  
**KEPITAL®**

KOREA ENGINEERING PLASTICS CO., LTD.

**F30-03**

An easy-flowing grade for injection molding of thin walled parts.

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	28
<b>Thermal</b>			
Deflection temperature 1.8MPa	ISO 75-1,2	℃	101
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	%	25
Flexural strength 23℃	ISO 178	kgf/cm <sup>2</sup> (MPa)	920 (90)
Flexural modulus 23℃	ISO 178	x 10 <sup>4</sup> kgf/cm <sup>2</sup> (MPa)	2.75 (2,700)
Charpy notched impact strength	ISO 179/1eA	kgf · cm/cm (kJ/m <sup>2</sup> )	5.6 (5.5)
<b>Electrical</b>			
Surface resistivity	IEC 60093	Ω	1 x 10 <sup>16</sup>
Volume resistivity	IEC 60093	Ω · cm	1 x 10 <sup>14</sup>
Dielectric strength	IEC 60243-1	kV/mm	19
Molding shrinkage (Flow Direction) t3mm, Φ 100mm		%	2.0

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

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