

## PRODUCT INFORMATION

Metric &amp; SI unit

Acetal Copolymer  
**KEPITAL**<sup>®</sup>

KOREA ENGINEERING PLASTICS CO., LTD.

**F25-03H**

A medium-low viscosity grade for general injection molding with high-stiffness. 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	13
<b>Thermal</b>			
Deflection temperature 1.8MPa	ISO 75-1,2	°C	110
Flammability	UL94	–	HB
<b>Mechanical</b>			
Tensile strength 23°C	ISO 527-1,2	MPa	70
Nominal strain at break 23°C	ISO 527-1,2	%	30
Flexural strength 23°C	ISO 178	MPa	94
Flexural modulus 23°C	ISO 178	MPa	2,800
Charpy notched impact strength	ISO 179/1eA	kJ/m <sup>2</sup>	7.5
<b>Electrical</b>			
Surface resistivity	IEC 60093	Ω	1x 10 <sup>14</sup>
Volume resistivity	IEC 60093	Ω · cm	1x 10 <sup>12</sup>
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.**

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