

# PRODUCT INFORMATION

Metric & SI unit

## Acetal Copolymer KEPITAL®

KOREA ENGINEERING PLASTICS CO., LTD.

# FL2020

A medium-high viscosity grade for general injection molding. It was modified with 20% PTFE powder, and so suitable for parts requiring low wear and friction.

Property	Test Method	Unit	Value
<b>Physical</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.51
Melt flow rate	ISO 1133	g/10min	5
<b>Thermal</b>			
Deflection temperature 1.8MPa	ISO 75-1,2		-
Flammability	UL94	—	HB
<b>Mechanical</b>			
Tensile strength 23	ISO 527-1,2	kgf/cm <sup>2</sup> (MPa)	460 (45)
Nominal strain at break 23	ISO 527-1,2	%	14.5
Flexural strength 23	ISO 178	kgf/cm <sup>2</sup> (MPa)	710 (70)
Flexural modulus 23	ISO 178	10 <sup>4</sup> kgf/cm <sup>2</sup> (MPa)	2.20 (2,150)
Charpy notched impact strength	ISO 179/1eA	kgf · cm/cm (kJ/m <sup>2</sup> )	3.1 (3.0)
<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	16
Molding shrinkage (Flow Direction) t3mm, 100mm		%	2.1

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

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