

PRODUCT INFORMATION

Metric & SI unit

Acetal Copolymer
KEPITAL®

KOREA ENGINEERING PLASTICS CO., LTD.

F20-03

A medium viscosity grade for general injection molding.

Property	Test Method	Unit	Value
Physical			
Density	ISO 1183	g/cm ³	1.41
Melt flow rate	ISO 1133	g/10min	9
Thermal			
Deflection temperature 1.8MPa	ISO 75-1,2	°C	100
Flammability	UL94	—	HB
Mechanical			
Tensile strength 23 °C	ISO 527-1,2	kgf/cm ² (MPa)	660 (65)
Nominal strain at break 23 °C	ISO 527-1,2	%	35
Flexural strength 23 °C	ISO 178	kgf/cm ² (MPa)	890 (87)
Flexural modulus 23 °C	ISO 178	x 10 ⁴ kgf/cm ² (MPa)	2.60 (2,550)
Charpy notched impact strength	ISO 179/1eA	kgf · cm/cm (kJ/m ²)	6.6 (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 (Flow Direction) t3mm, Φ 100mm		%	2.0

Note : This product is not UV stabilized.

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

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