

PRODUCT INFORMATION**Metric & SI unit**

Acetal Copolymer
KEPITAL®

KOREA ENGINEERING PLASTICS CO., LTD.

F20-51U

A medium viscosity U.V. stabilized grade suitable for out door use. (Black color)

Especially for the products which it needs impact resistance.

Property	Test Method	Unit	Value
Physical			
Density	ISO 1183	g/cm ³	1.39
Melt flow rate	ISO 1133	g/10min	9
Thermal			
Deflection temperature 1.8MPa	ISO 75-1,2		92
Flammability	UL94	—	HB
Mechanical			
Tensile strength 23	ISO 527-1,2	kg _f /cm ² (MPa)	590 (58)
Nominal strain at break 23	ISO 527-1,2	%	40
Flexural strength 23	ISO 178	kg _f /cm ² (MPa)	800 (78)
Flexural modulus 23	ISO 178	10 ⁴ kg _f /cm ² (MPa)	2.35 (2,300)
Charpy notched impact strength	ISO 179/1eA	kg _f · cm/cm (kJ/m ²)	10.2 (10)
Electrical			
Surface resistivity	IEC 60093	Ω	1 10 ¹⁶
Volume resistivity	IEC 60093	Ω · cm	1 10 ¹⁴
Dielectric strength	IEC 60243-1	kV/mm	-
Molding shrinkage (//Direction) t3mm, Φ 100mm		%	2.0

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

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