PRODUCT INFORMATION **Metric & SI unit**

Acetal Copolymer

KEPITAL®

KOREA ENGINEERING PLASTICS CO., LTD.

F25-63

A medium-low viscosity grade for injection molding of anti-static purpose.

Property		Test Method	Unit	Value	
Physical					
Density		ISO 1183	g/㎤	1.41	
Melt flow rate		ISO 1133	g/10min	15	
Thermal					
Deflection temperature	1.8MPa	ISO 75-1,2	℃	95	
Flammability		UL94	–	HB	
Mechanical					
Tensile strength	23℃	ISO 527-1,2	kg_f/cm^2 (MPa)	640	(63)
Nominal strain at break	23℃	ISO 527-1,2	%	32	
Flexural strength	23℃	ISO 178	kg_f/cm^2 (MPa)	870	(85)
Flexural modulus	23℃	ISO 178	x 10^4 kg_f/cm^2 (MPa)	2.55	(2,500)
Charpy notched impact strength		ISO 179/1eA	kg_f ㆍ cm/cm (kJ/㎡)	6.1	(6.0)
Electrical*					
Surface resistivity		IEC 60093	Ω	1 x 10^{13}	
Volume resistivity		IEC 60093	Ω ㆍ cm	1 x 10^{12}	
Dielectric strength		IEC 60243-1	kV/mm	19	
Molding shrinkage (//Direction) t3mm, Φ100mm			%	2.0	

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

*The electrical properties of the finished parts are depending on various influencing factors like the processing parameter, colorant and other additives, the design of the parts, or the humidity. Also, they might change over time and circumstance. It is the responsibility of the customer to ensure the electrical properties of the finished parts in their application.

KOREA ENGINEERING PLASTICS CO., LTD.
Head office Tel. 82-2-707-6841/48
Research center Tel. 82-31-436-1300