

Kepital F20-51

A medium-low viscosity grade for general injection molding.

Low odor grade improved on thermal stability.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,41
	Melt Flow Rate		ISO 1133	g/10min	10
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	2
	Thermal	Flammability		UL94	Class
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	62
	Flexural Strength	23°C	ISO 178	MPa	88
	Flexural Modulus	23°C	ISO 178	MPa	2.650
	Charpy Notched Im- pact Strength		ISO 179/1eA	kJ/m ²	7
	Nominal Strain at Break	23°C	ISO 527-1,2	%	25
Electrical	Surface Resistivity		IEC 60093	Ω	1 × 10 ¹⁵
	Volume Resistivity		IEC 60093	Ω cm	1 × 10 ¹⁴
	Dielectric Strength		IEC 60243-1	kV /mm	19