

Kepital F20-52

A medium viscosity grade, natural color, for weather resistance purpose. It has stability on UV light, and so good at out-door use.

	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	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C
Flammability			UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	63
	Flexural Strength	23°C	ISO 178	MPa	83
	Flexural Modulus	23°C	ISO 178	MPa	2.350
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	6
	Nominal Strain at Break	23°C	ISO 527-1,2	%	35
Electrical	Surface Resistivity		IEC 60093	Ω	1 × 10 ¹⁴
	Volume Resistivity		IEC 60093	Ω cm	1 × 10 ¹³
	Dielectric Strength		IEC 60243-1	kV /mm	19