

# Kepital F30-52

An easy flowing 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 <sup>3</sup>	1,41
	Melt Flow Rate		ISO 1133	g/10min	28
	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	63
	Flexural Strength	23°C	ISO 178	MPa	83
	Flexural Modulus	23°C	ISO 178	MPa	2.450
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	6
	Nominal Strain at Break	23°C	ISO 527-1,2	%	37
Electrical	Surface Resistivity		IEC 60093	Ω	1 × 10 <sup>14</sup>
	Volume Resistivity		IEC 60093	Ω cm	1 × 10 <sup>13</sup>
	Dielectric Strength		IEC 60243-1	kV /mm	19