

# Kepital F20-52G

An easy-flowing grade for general injection molding. It's modified with a weather-resistant and gloss-reducing substance, and so suitable for parts requiring a good weather resistance and low gloss characteristics.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm <sup>3</sup>	1,41
	Melt Flow Rate		ISO 1133	g/10min	10
Thermal	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	58
	Flexural Strength	23°C	ISO 178	MPa	78
	Flexural Modulus	23°C	ISO 178	MPa	2.350
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	6
	Nominal Strain at Break	23°C	ISO 527-1,2	%	40
Electrical	Surface Resistivity		IEC 60093	Ω	1 × 10 <sup>16</sup>
	Volume Resistivity		IEC 60093	Ω · cm	1 × 10 <sup>14</sup>
	Dielectric Strength		IEC 60243-1	kV /mm	19