

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 ³	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 ²	6
	Nominal Strain at Break	23°C	ISO 527-1,2	%	40
Electrical	Surface Resistivity		IEC 60093	Ω	1 x 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω cm	1 x 10 ¹⁴
	Dielectric Strength		IEC 60243-1	kV /mm	19

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

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