

# Kepital FA-20

Carbon fiber reinforced conductive grade. Surface resistivity is less than 10 stiffness.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm <sup>3</sup>	1,43
	Melt Flow Rate		ISO 1133	g/10min	3
Thermal	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C	160
	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	100
	Strain at Break	23°C	ISO 527-1,2	%	2
	Flexural Strength	23°C	ISO 178	MPa	135
	Flexural Modulus	23°C	ISO 178	MPa	7.150
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	4
Electrical	Surface Resistivity		IEC 60093	Ω	1 × 10 <sup>13</sup>