

SIGRAFINE® MKUS

Material: Graphite

Forming: Vibration molded

Application: Industrial and electronic applications

Material data of SIGRAFINE® MKUS

Typical properties	Units	Test standards	Material sizes	
			Ø 760 ... 960 x 1000 mm Ø 1250 ... 1360 x 600 mm 610 x 760 x 2700 mm 630 x 1300 x 1420 mm	Ø 1550 x 600 mm Ø 1685 x 550 mm
Bulk density	g/cm ³	DIN 60413	1.79	1.77
Max. grain size	mm	DIN 66165	0.8	0.8
Resistivity	µΩm	DIN 51911	II 8	8
			I 9	9
Dynamic modulus of elasticity	GPa	DIN 51915	II 7	7
			I 6	6
Flexural strength (3 points)	MPa	DIN 51902	II 18	17
			I 17	16
Compressive strength	MPa	DIN 51910	II 41	41
			I 39	39
Tensile strength	MPa	DIN 51914	II 6	6
			I 6	6
Thermal expansion (20 – 200 °C)	10 ⁻⁶ K ⁻¹	DIN 51909	II 2.7	2.7
			I 3.3	3.3
Ash content	%	DIN 51903	0.07	0.07

II parallel to the grain direction; I perpendicular to the grain direction.

For any engineering/design purposes please always contact our technical sales team.



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