

Medium Grain Graphite



Technical Data: Medium Grained Graphite

If you require any further information or assistance with selecting a grade, please call our sales team on **+44 114 236 1606**

Grade	Density (g/cm ³)	Porosity (%)	Specific Electrical Resistivity (Ω mm ² /m)	Compressive Strength MPa	Flexural Strength MPa	Coefficient of Thermal Expansion CTE (10 ⁻⁶ /K)	Maximum Particle Size (mm)	Thermal Conductivity (W/m K)	Standard Sizes (mm)
MCCA	1.72 - 1.78	10 - 12	10 - 12	36 - 38	30	1.5 – 2.5	0.2	120 - 140	Ø 3 - Ø8
MCCA	1.72 - 1.74	12 -15	9 -11	34 - 36	25	1.0 – 1.5	0.2	120 - 140	Ø 10- Ø80
MCCA	1.72 - 1.74	14 – 17	7 -10	26 - 30	20 - 22	1.6 – 2.2	0.8	120 - 140	Ø100 - Ø250
MCCA	1.72 - 1.77	16 - 20	6 – 8	≥30	18- 24	2.2 - 3.2	0.8	120 - 140	Ø 300 - Ø1100
MCCA	1.72 - 1.77	14 - 18	6 – 8	≥45	18 – 26	2.2 - 3.2	0.8	120 - 140	Blocks 400 x 400 x 1800, 500 x 500 x 1800
MCC	1.55- 1.65	18 - 24	45 - 55	28 -36	17 – 22	2.5 – 3.5	0.8	42	Rods Ø200 - Ø600
MRCM	1.76- 1.80	12 - 16	4 - 6	46 - 52	22 - 28	1.4 – 2.0	2.0	150 - 180	Rods Ø200 – Ø400

*Other sizes and lengths available upon request

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