

# Medium Grained 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 <sup>3</sup> )	Porosity (%)	Specific Electrical Resistivity ( $\Omega$ mm <sup>2</sup> /m)	Compressive Strength MPa	Flexural Strength MPa	Coefficient of Thermal Expansion CTE (10 <sup>-6</sup> /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

**Specific sizes and lengths available on demand.**

### Head Quarters:

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**DUNS Number:** 50 505 2859



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