



## Kaiheng Graphite Carbon

### Extruded Graphite Rods & Blocks Specifications

Properties	Units	Values					
Bulk Density	g/cm <sup>3</sup>	1.60	1.65	1.70	1.72	1.75	1.80
Electrical Resistivity	μΩm	<9	<9	<9	<7.5	<7.5	<7.5
Flexible Strength	MPa	12	12	14	18	20	25
Compressive Strength	MPa	22	22	28	36	40	50
Elastic Modulus	GPa	12	14	15	15	16	18
Particle Size	mm	0.3-2	0.3-2	0.3-2	0.3-2	0.3-2	0.3-2
Coefficient of Thermal Expansion	10 <sup>-6</sup> /°C	2.4	2.4	2.2	2.2	2.0	2.0
Ash	%	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Porosity	%	18	18	18	16	16	16
Ash after Purification	ppm	50	50	50	50	50	50

Rods: Diameters 30mm-400mm, length 40mm-3500mm, or as requested.

Blocks: 40mm×40mm×200mm, 40mm×60mm×300mm, 60mm×60mm×400mm, or as required.

The data are general but not limited.

**ADD: 919, Jin'ao International Building, Maidian East Road, Haidian District, Beijing 100088, China.**

**TEL: +86-15601234979**

**FAX: +86-10-82207122**

**EMAIL: sales@kh-graphite-carbon.com**

**WEB: www.kh-graphite-carbon.com**