



Kaiheng Graphite Carbon

Molded Graphite Specifications

| Properties | Units | Values | | |
|----------------------------------|----------------------------|----------|----------|----------|
| Bulk Density | g/cm ³ | 1.70min | 1.75min | 1.80min |
| Electrical Resistivity | $\mu\Omega\text{m}$ | 11.0max | 10.0max | 9.0max |
| Flexible Strength | MPa | 25min | 30min | 35min |
| Compressive Strength | MPa | 50min | 60min | 70min |
| Elastic Modulus | GPa | 9max | 9.5max | 10max |
| Particle Size | mm | 0.045max | 0.045max | 0.045max |
| Coefficient of Thermal Expansion | $10^{-6}/^{\circ}\text{C}$ | 2.8max | 3.0max | 3.2max |
| Ash | % | 0.1max | 0.1max | 0.1max |
| Porosity | % | 20max | 18max | 16max |

Diameters 100mm-2000mm, length 40mm-1000mm, or as requested.

The data are general but not limited.

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