

Graphite Rectangles - Grade GSK®

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Typical Properties

Version: 22-06

| | Units | Test Standards | Values |
|-----------------------|----------------------|----------------|--------|
| Bulk Density | g/cm ³ | GB/T24528 | 1.75 |
| Max. Grain Size | mm | -- | 0.8 |
| Specific Resistance | μΩm | GB/T24525 | 8.2 |
| Flexural Strength | MPa | GB/T3074.1 | 17.5 |
| Compressive Strength | MPa | GB/T1431 | 38.0 |
| C.T.E. (100 to 600°C) | 10 ⁻⁶ /°C | GB/T3074.4 | 4.1 |
| Thermal Conductivity | W/mK | DIN 51908 | 140 |
| Ash Content | % | GB/T1429 | 0.10 |

1. GSK Grade graphite is vibration molded.
2. The direction of testing specimens is With the Grain, if not stated otherwise.
3. The data should be regarded as general information, not guaranteed specification limits.

Standard Sizes

| | | |
|-----------------------------|-----------------------------|------------------------------|
| 500x500x1800mm (20x20x72") | 650x500x1800mm (25x20x72") | 650x500x2200mm (25x20x86") |
| 760x500x1800mm (32x20x72") | 810x500x1800mm (32x20x72") | 940x500x1880mm (37x20x74") |
| 1000x500x2100mm (40x20x82") | 1120x450x2200mm (44x17x86") | 1280x450x2550mm (50x17x110") |

Other sizes and machined parts could be provided on request.