

## Graphite Rectangles - Grade ESK

### Extruded Specialty Graphite

#### Typical Properties

Version: 23-08

	Units	Test Standards	Values
Bulk Density	g/cm <sup>3</sup>	GB/T24528	1.75
Max. Grain Size	mm	--	0.8
Specific Resistance	μΩm	GB/T24525	6.8
Flexural Strength	MPa	GB/T3074.1	22.0
Compressive Strength	MPa	GB/T1431	40.0
C.T.E. (100 to 600°C)	10 <sup>-6</sup> /°C	GB/T3074.4	3.0
Thermal Conductivity	W/mK	DIN 51908	160
Ash Content	%	GB/T1429	0.10

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

#### Standard Sizes

500x500x1830mm (20x20x72")	500x650x1830mm (20x25x72")	500x650x2200mm (20x25x86")
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Other sizes and machined parts could be provided on request.