

Graphite Rectangles - Grade ESK

Extruded Specialty Graphite

Typical Properties

Version: 23-12

	Units	Test Standards	Values
Bulk Density	g/cm ³	GB/T24528	1.73
Max. Grain Size	mm	--	0.8
Specific Resistance	μΩm	GB/T24525	6.2
Flexural Strength	MPa	GB/T3074.1	20.0
Compressive Strength	MPa	GB/T1431	38.0
C.T.E. (RM to 600°C)	10 ⁻⁶ /°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.