

Artificial Graphite Blocks & Plates

Blocks are processed by Compression Moulding from medium grain powders of pure carbon materials. Blocks are heated for Graphitization to obtain excellent structure and strength. These Blocks are machinable and used for various applications such as Metallurgical, Moulds, Crucibles, Vacuum Furnaces, etc.

Sizes : Up to 600 x 500 x 1800mm

Specifications :

Typical Properties	Unit	SGB-EC	SGB
Particle Size	mm	0.80	0.80
Apparent Density	g/cc	1.66	1.75
Porosity	%	25	18
Electrical Resistivity	micro-ohm-m	9.0	8.4
Compressive Strength	MPa	25	37
Flexural Strength	MPa	15	18
Co-efficient of Thermal Expansion	$10^{-7}/^{\circ}\text{C}$	18	19

Note: - All Values are Typical not specified as min. or max.



The information is offered in good faith as characteristic value. Since; the use of this data and the conditions of the use of these products are not within the control of the manufacturer, It is recommended that user should review the specific context of the intend use and determine the safe use of these products.



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