

Iso-static Graphite

Blocks are processed by Iso-statically moulded from fine 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 Electro Discharge Machining, Metallurgical, Moulds, Crucibles, Vacuum Furnaces, Diamond Tools, Machine Tools, etc.

Specifications

Typical Properties	Unit	HD
Particle Size	mm	0.025
Apparent Density	g/cc	1.85
Porosity	%	12
Electrical Resistivity	micro-ohm-m	15
Compressive Strength	MPa	90
Flexural Strength	MPa	45
Co-efficient of Thermal Expansion	$10^{-6}/^{\circ}\text{C}$	5

