



Isostatic Pressed Graphite-IFS Series

Features:

Cold isostatic pressed / Large sizes available / High density / Fine grain size / High purity / High strength / Low specific resistance / Ease of precise machining / Excellent thermal shock & oxidation resistance/ Good corrosion resistance

Applications:

Semiconductor (Monocrystalline Silicon) / Vacuum furnace fixturing / Continuous casting / Sealing Products / Medical industry / Forge molds / EDM fixturing / Heat shields / Melting and sintering molds for ceramics, electronic products, cemented carbides & precious metals, etc.

Table with 7 columns: Property, Unit, IFS-1, IFS-2, IFS-3, IFS-4, IFS-5. Rows include Bulk Density, Ash Content, Grain, Specific Resistance, Compressive Strength, Flexible Strength, Shore Hardness, CTE, and Young Mod.

Notes:

- Ash content of all grades can be purified to 50 PPM.
-Special property requirement specially produced.



Table with 4 columns: Rods, Diameter, Length, and Thickness. Rows include Size Range, Standard Size, and Blocks.

Size Notes;

- Larger size specially pressed.
-Machined parts done to drawings
-Anticorrosion cover available (SiC cover, Pitch Cover, etc)