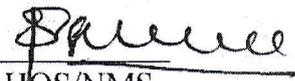


Annexure-A

TECHNICAL SPECIFICATION OF GRAPHITE BLOCK

SL. NO.	PROPERTIES	UNIT (IS)	REMARK
1	Bulk density	g/cm ³	1.82-1.90
2	Grain size	µm	13-25
3	Specific resistance/ Electrical Resistivity	µohm.cm	950-1170
4	Flexural strength	MPa	50-60
5	Tensile strength	MPa	27-38
6	Compressive strength	MPa	100-130
7	Hardness	Rockwell H	60-90
8	Coefficient of thermal expansion	/°C	5.5X10 ⁻⁶ (400-500°C)
9	Porosity	%	8
10	Thermal conductivity	W/m°C	110-140
11	Modulus of elasticity	GPa	10.7-11.8
12	Ash	ppm	350-900


AWM/P


HOS/NMS