



## IMPREGNATED CARBON BRICK

### DATA SHEET

April-19

SR NO	PHYSICAL PROPERTIES	RESULTS
1	DENSITY , gms/cc	1.6
2	COMP. STRENGTH , Kg/cm <sup>2</sup>	500-600
3	FLEXURAL STRENGTH, Kg/cm <sup>2</sup>	200-300
4	TENSILE STRENGTH , Kg/cm <sup>2</sup>	125
5	POROSITY , %	4-6
6	WATER ABSORPTION , %	2-3
7	CARBON CONTENT , %	98
8	ASH CONTENT , %	1.5
9	THERMAL CONDUCTIVITY , w/mk	4-6
10	ABRADABILITY INDEX, (Morgan Scale)	140
11	TEMP. RESISTIVITY , °C	180
12	CHEMICAL DUTY , % (SUITABLE FOA ALL ACIDS,ALKALIS,SOLVANTS & MIXTURES)	<1