



TECHNICAL DATASHEET
FOR
GRP HORIZONTAL WATER TANKS

TECHNICALITIES

S.NO	DESCRIPTION	DATA
1	Ribs	Provided at every 1m of the tank
2	Density	1.90 gm/cc
3	Tensile strength	>850 kg/cm ²
4	Shearing strength	>836 kg/cm ²
5	Flexural strength	1634 kg/cm ²
6	Barcol Hardness	40 – 50 Barcol
7	Linear Coefficient of thermal Expansion	2.20 x 10/deg.C
8	Compressive strength	1369 kg/cm ²
9	Izod Impact Strength	396 j/m of width
10	Thermal Conductivity	0.025 Kcal/m ² hrC
11	Water Absorption	<0.17%
12	Glass Content	35.50%
13	Layers Used	Copped strand 450 GSM
14	Resign	SYN 999
15	Flanges	As requested by the Client
16	Light Transmission	Nil (UV Stabilized)
17	Grade	British Standard
