



Data Sheet of GFRP Electrical Enclosure

SN	Description	Property	Comment
1	Material	Fiberglass	GFRP
2	Certified	IP 55/65/66	BS EN 60529
3	Design Standard	NEMA	-
4	Process	Open mould	-
5	Construction	Single Skin	4 to 8 mm
6	Outer Finish	Gelcoat surface	Semi glossy
7	Color	Any Client RAL #	Grey, Red, etc..
8	Glass Content	30 - 40 %	ASTM E 2584
9	Design Temp	60 Deg Celsius	-
10	UV Effect	UV Resistance	ASTM G 154-16
11	Fire Resistance Properties	Flame Spread < 25	ASTM E 84 -23
12	Fire Resistance Properties	Smoke index = 450	ASTM E 84-23
13	Fire Resistance Properties	Self Extinguishing	ASTM D635
14	Electrical Properties	Anti-static	IEC 60079-0
15	Water Resistance	< 0.7% of weight increase	ASTM D570
16	Chemical Resistance	Salferous , H2S Atmosphere	-
17	Chemical Resistance	Salt spray test	ASTM B 117-19



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SN	Description	Property	Comment
18	Sealing	EPDM Rubber Door Seal	-
19	Hinges	Lift off type non corrosive	-
20	Lockable	Key lock square	Opt (Handle W/Lock)
21	Mounting System	Wall Mounting	Floor stand HDG or GRP
22	Door Accessories (Opt)	Wind Stay	GI or SS 316/A4
23	Door Accessories (Opt)	Window Viewing	Acrylic or Glass
24	Ventilation	PVC fixed on side wall	Opt on door
25	Door Type	SL or DL	-
26	Lifting Lugs	Min 2	GI or SS 316/A4
27	Wet Weather Protection	Small Rain Canopy	Outdoor application
28	Installation	Indoor / Outdoor	Offshore

