

RV-TIFAC Composites Design Centre

Test Results / Certificate

Testing of Glass Fiber Reinforced Sandwich Composite Door Sample as per IS 4020

Tests were conducted on the Glass Fiber Reinforced Sandwich Composite Door sample fabricated at M/s. Pramukh Plastics Pvt. Ltd. and the table below indicates the results as obtained for each of the parameters under each test.

Sl. No.	Test particulars	Test Results Accepted / Rejected
1.	Test for Dimensions & Square ness Measurements a. Height & Width Measurements b. Thickness Measurements c. Square ness Measurements	Accepted
2.	Test for General Flatness a. Twist Measurements b. Warping Measurements c. Cupping Measurements	Accepted
3.	Test for Local Planeness	Accepted
4.	Test for Impact Indentation	Accepted
5.	Test for Flexure	Accepted
6.	Test for Edge Loading	Accepted
7.	Test for Shock Resistance a. Soft & Light Body Impact Test - Leather Ball Test b. Soft & Heavy Body Impact Test - Sail Cloth Bag Test	Accepted Accepted
8.	Test for Buckling	Accepted
9.	Misuse Test	Accepted
10.	Slamming Test	Accepted
11.	Screw Holding Power Test	Accepted
12.	Varying Humidity Test	Accepted
13.	Differential Humidity Test	Accepted
14.	Knife Test	Accepted
15.	Glue Adhesion Test	Accepted
16.	End Immersion Test	Accepted

Detailed Test Results of the above tests are enclosed herewith.

Test Conducted by:

Rojashree

Checked by:

V. D. Kumar
(KUMAR)

Approved by:

[Signature]
Director & CEO

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