



Structural Glass Research & Testing (SGRT) Facility

Test Report - Structural Properties of Toughened Glass



Report Details				Customer details	
Report Number	SGRT/RPT/TG/09-2023/0144	Reference Number	RFQ2324400360	Company Name	Vishakha Glass Pvt Ltd.
Report Date	11.10.2023	Testing Start Date	09.10.2023	Contact Person	Mr. Prashant Kumar Bhrigubanshi
Report valid up to	10.10.2024	Testing End Date	09.10.2023	Contact Address: Vishakha House , CH-09, Inspire Business park, Adani ACH Shantigram, Nr. Vaishnodevi Circle, S G Highway, Gandhinagar, Gandhinagar, Gujarat, 382421.	
Sample received on	29.09.2023	Sample Type	Flat 3.2mm Patterned Toughened Glass		
Sample Details (based on order form)					
Sample ID	SGRT/TG/09-2023/0144	Sample size (mm)	2261x1128	Specific Note: -	
		Thickness (mm)	3.2	Sample Type: Glass Sheet	
No. of samples	2	Sample conditioning	24 hours at ambient temperature	Sample Name: Pattern Solar Glass	
Test Summary		Test Results		Test Reference	
Sample Parameters		Sample 144 A	Sample 144 B	Standard	Tolerance
1) Sample size (mm)		1128.5x2261.5	1128.5x2261.5	EN 12150-1	± 2.0
2) Thickness (mm)		3.2535	3.2535		± 0.5
3) Fragmentation Count (Nos.)		17	22.5		≥ 15
Test Authorization		Tested by	Checked and Authorised by		
Signature					
Name		Yashvanth R	Dr S Arul Jayachandran		
Designation		Project Associate	Professor, Dept. of Civil Engg, Indian Institute of Technology Madras		
Disclaimer					
1) The SGRT is not responsible for kind of alterations in the physical properties of the samples and the customer is solely responsible for consequences.					
2) Results related to the sample tested only. The sample will be destroyed within 7 days of issue of the Test report unless specified by the customer.					
3) The test report should not be reproduced fully or partially or in parts.					
Structural Glass Research and Testing (SGRT) Facility, Structural Engineering Laboratory, Civil Engineering Department IIT Madras, Chennai - 600 036. Phone No: 044-22575309 / +91 9444535309, Email: sgrt.iitm@gmail.com					