

Test Report

Report Number:150112004SHF-BP-1

Applicant Name: PT INDEPENDENT GLASS FABRICATOR Original Report Date: January 27, 2015**Applicant Address: RUKAN CITTA GRAHA 2F JL. PANJANG
No.26, KEBON JERUK, KEDOYA JAKARTA GARAT****Attn: ANDRE GUNAWAN****Sample Description:**

Product: CLEAR TEMPERED GLASS
Model: IGF TEMPERED (1100*360*4)
Samples Quantity: 11 pcs
Sample ID: S150112004SHF-001 ~ S150112004SHF-011
Date Received: 2015-01-12
Date Test Conducted: 2015-01-13~2015-01-27

Tests Conducted:

Test Methods: EN 12150-1-2000

Conclusion:

For details refer to attached page(s).
The conclusions of this test report may not be used as part of the requirements for Intertek product certification.
Authority to Mark must be issued for a product to become certified.

Should you have any queries about the test report, please contact:

Approved by: Checked by: Prepared by:Sun Sun
Operation ManagerAlex Gu
Project EngineerWink Jin
Engineer

Test Items, Method and Results:

Test Item	Standard	Result	Verdict
Fragmentation test	EN 12150-1-2000 Clause 8	Particle count of five specimens: 113, 108, 117, 106, 107. The length of longest particle was 10.03mm.	Pass
Mechanical strength test	EN 12150-1-2000 Clause 9.4	Mechanical strength: 154 N/mm ²	Pass

Note:

- The dimensions of the specimens: 360mm (Width)*1100mm (Length)*4mm (Thickness).
- Requirement of the fragmentation test: Each test specimen shall be impacted, using a pointed steel tool, at a position 13mm in from the longest edge of the test specimen at the mid-point of that edge, until breakage occurs. Five specimens shall be tested.
The particle count shall be made in the region of coarsest fracture. The particle count shall be made by placing a mask of (50±1) mm * (50±1) mm on the test piece. The number of crack-free particles within the mask shall be counted. The minimum particle count values given in the table as below.

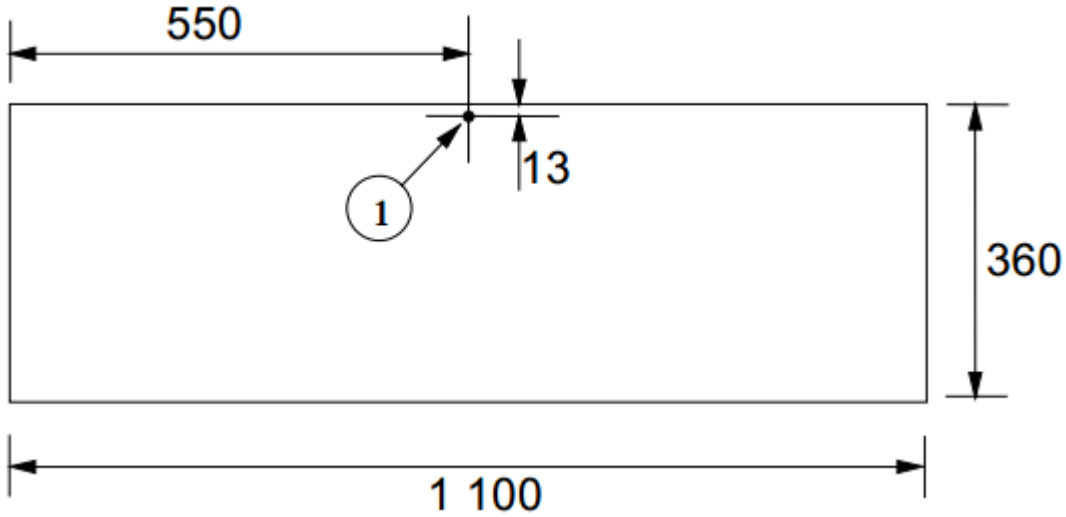
Glass type	Nominal thickness (<i>d</i>) in mm	Minimum particle count
Float and drawn sheet	3	15
	4 to 12	40
	15 to 19	30
Patterned	4 to 10	30

- The requirement of mechanical strength.

Type of glass	Values for mechanical strength N/mm ²
Float: clear tinted coated	120
Enamelled float (based on the enamelled surface in tension)	75
Patterned glass and drawn sheet	90

- Appendix A for the position of impact point.

Appendix A:



The position of impact point

The End of Report

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