



## Test Report

No.: SHHG1505015533FT

Date: MAY 15, 2015

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LANGFANG RUILONG TRADE CO., LTD  
ROOM 27, 22TH FLOOR, RONGSHENG DEVELOPMENT BUILDING, XIANGYUN ROAD,  
DEVELOPMENT ZONE, LANGFANG CITY, HUBEI PROVINCE, CHINA

The following sample(s) was/were submitted and identified by the client as:

Sample Description : GLASS 6 MM THICKNESS  
SGS Ref. No. : TJHG1505001489FT  
Country of Origin : CHINA  
Country of Destination : UK  
Sample Receiving Date : MAY 11, 2015  
Testing Period : MAY 11, 2015 TO MAY 15, 2015  
Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT  
Test Requested : FRAGMENTATION TEST (EN 12150-1: 2000 GLASS IN BUILDING – THERMALLY TOUGHENED SODA LIME SILICATE SAFETY GLASS – PART 1: DEFINITION AND DESCRIPTION CLAUSE 8)  
Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)  
Conclusion : THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT.

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Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Vincent Feng  
Technical Manager

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### Test Conducted:

**EN 12150-1: 2000 (Glass in building – Thermally toughened soda lime silicate safety glass – Part 1: Definition and description Clause 8)**

### Fragmentation Test

Number of Tested Sample: 5 Pieces

Sample No	Size of Tested Sample	Weight of Tested Sample
1#	1050×420×5.92mm	6.19 kg
2#	1082×440×5.85mm	6.95 kg
3#	1035×375×5.92mm	5.72 kg
4#	1014×414×5.80mm	6.06 kg
5#	1100×405×5.82mm	6.43 kg

### Test Method:

The test specimen shall be laid flat on a table without any mechanical constraint. In order to prevent scattering of the fragments, the specimen shall be simply held at the edges. Impact the test specimen with 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. Then count the particle number, the particle count and measuring of the dimensions of the largest particle shall be made between 4 min to 5 min after fracture, the particle count shall be made by placing a mask of (50±1)mm×(50±1)mm on the test piece. And particle count of each test specimen shall not be less than 40 pieces, the longest particle shall not exceed 100mm

### Test Result: Pass

Sample No	Particle count	Length of longest particle
1#	79	24 mm
2#	62	31 mm
3#	74	16 mm
4#	77	18 mm
5#	46	39 mm

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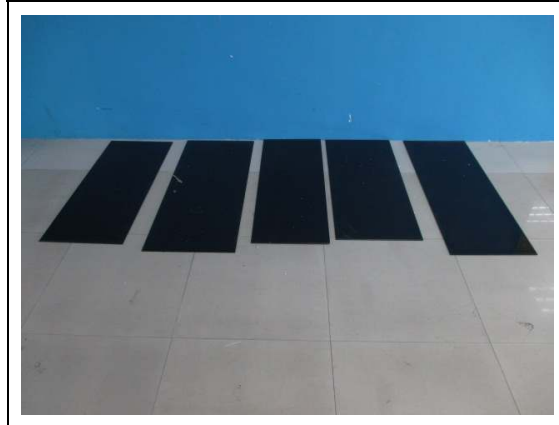
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### Sample Photo:

Received sample



Fragmentation view



SGS authenticate the photo on original report only

\*\*\*End of Report\*\*\*

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