

Test Report

No.: SHHG1505015531FT

Date: MAY 15, 2015

Page: 1 of 3

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 5 MM THICKNESS
SGS Ref. No. : TJHG1505001487FT
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.

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

Vincent Feng
Technical Manager

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Test Report

No.: SHHG1505015531FT

Date: MAY 15, 2015

Page: 2 of 3

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

Size of Tested Sample: 1072 mm x 396 mm x 4.92 mm

Weight of Tested Sample: 5.25 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#	77	22 mm
2#	83	17 mm
3#	73	21 mm
4#	69	19 mm
5#	81	25 mm

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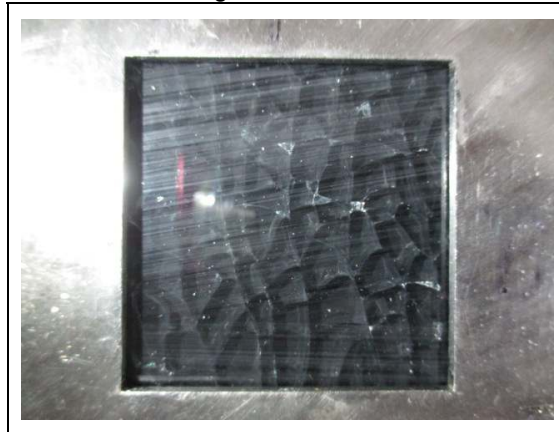
Page: 3 of 3

Sample Photo:

Received sample



Fragmentation view



SGS authenticate the photo on original report only

End of Report

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