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中国认可
国际互认
检测
TESTING
CNAS L0690

TEST REPORT

Report No.: WT2022E09A00377E

Entrusted by: Shandong HaanGlas Co., LTD.

Sample Name: Vacuum insulating glass

Test Type: Entrustment Test

China Testing & Certification International Group Co., Ltd.
China National Safety Glass & Quartz Glass Test Center



WT2022E09A00377



Notice

1. This test report is invalid without the seal or cross-page seal.
 2. This test report is invalid without the signatures of the related persons.
 3. This test report is invalid if erased, altered or copied partially.
 4. Any doubt should inform us within 15 days after receiving the test report.
 5. The entrustment test samples and relevant information are provided by entrusted body, the laboratory does not responsible for authenticity. The results shown in this report refer only to the samples tested.
 6. This test report is printed on anti-counterfeiting paper. Copies made from original should have grid shadings. The numbers on the back of the data sheet are random and do not related with the report.
-

Laboratory Contact information:

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China Testing & Certification International Group Co., Ltd.

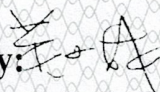
China National Safety Glass & Quartz Glass Test Center

Test Report

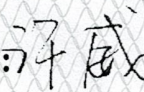
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Sample name	Vacuum insulating glass	Test type	Entrustment test
Entrusted by	Shandong HaanGlas Co., LTD.	Trademark	—
Manufactured by	—	Sample status	Sample meets the test requirements
Reception date	June 17, 2022	Sample quantity	1 Piece
Manufacture date/Batch number	—	Model or size	1500mm × 1000mm
Test method	Shown on each data sheet	Test date	July 13, 2022
Criterion	—		
Test item	Airborne sound insulation		
Test conclusion	* The test result is shown on Page 2.* Date of issue: July 26, 2022 (Seal) 11010510157921		
Remark:	The entrusting party is responsible for the following submitted information: Structure: 5mm Clear tempered glass+0.15 Vacuum+5mm Clear tempered glass.		

Approved by: 

Checked by: 

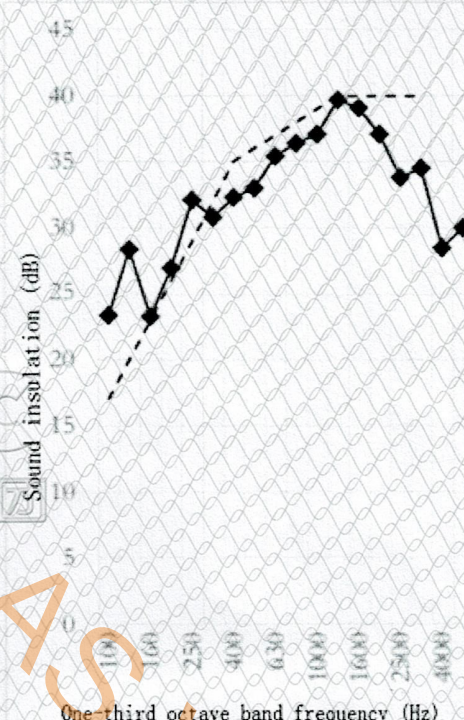
Reported by: 

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Sample No.	Test item	Test Results	Test method
1	Airborne sound insulation	36dB	ISO 10140-2:2021
Sound insulating table		Figure of airborne sound insulation on different frequency	
Frequency f/Hz	Sound insulating /dB	 One-third octave band frequency (Hz) —◆— Sound insulation - - - - Reference curve	
100	23.4		
125	28.4		
160	23.3		
200	27.0		
250	32.1		
315	30.8		
400	32.3		
500	33.0		
630	35.4		
800	36.4		
1000	37.1		
1250	39.7		
1600	39.1		
2000	37.1		
2500	33.8		
3150	34.5		
4000	28.5		
5000	30.0		
$R_w(C; C_{tr})$	36(-1; -3)		

Remark:

1、Test address: Guanzhuang;

2、Air pressure: 100.1 kPa;

3、Sample size: 1500mm×1000mm;

4、Weighted sound reduction index (R_w) and spectrum adaptation term ($C; C_{tr}$) calculated according to ISO717-1:2020; Relevant spectrum adaptation term for different types of noise source is selected according to Table A.1 in ISO717:2020;

5、Main test equipment : BW-141 Sound conduction unit, BW-142 Sound conduction unit, BW-240 Digital Temperature, BW-148 Double channel analyzer, BW-154 Sound insulation room and sound insulation measurement system, BW-137 Sound calibration device.

Checked by: 王睿

The end of the report

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