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CNAS L0690

# TEST REPORT

Report No.: WT2025E09A00035G1E

Entrusted by: Langfang Air-Tight Energy Saving Technology Co., LTD

Sample Name: Insulating glass

Test Type: Entrustment Test

China Testing & Certification International Group Co., Ltd.

China National Safety Glass & Quartz Glass Test Center



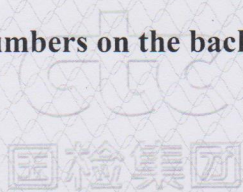
WT2025E09A00035





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3. This test report is invalid if erased, altered or copied partially.
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5. The entrustment test samples and relevant information are provided by entrusted body, the laboratory is not responsible for authenticity. The results shown in this report refer only to the samples tested.
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## Laboratory contact information:

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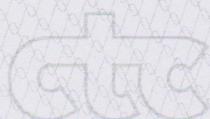
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<b>Sample Name</b>	Insulating glass	<b>Test Type</b>	Entrustment Test
<b>Entrusted by</b>	Langfang Air-Tight Energy Saving Technology Co., LTD	<b>Trademark</b>	_____
<b>Manufacturer</b>	_____	<b>Sample Status</b>	Meet the requirements of testing
<b>Reception Date</b>	January 07, 2025	<b>Sample Quantity</b>	15 pieces
<b>Production Date/ Batch No.</b>	_____	<b>Model/Size</b>	502mm×352mm×22mm
<b>Test Method</b>	Shown on data sheet.	<b>Test Date</b>	January 10, 2025- April 18, 2025
<b>Criterion</b>	EN 1279-2:2018 <i>Glass in building – Insulating glass units – Part 2: Long term test method and requirements for moisture penetration</i>		
<b>Test Item</b>	Moisture penetration index		
<b>Conclusion</b>	<p>*The test result conforms to the requirements of EN 1279-2:2018. The result is shown on Page 2.*</p> <p style="text-align: right;">Date of issue: 2025-06-12 (Seal)</p>		
<b>Remark:</b>	<p>The entrusting party is responsible for the following submitted information:</p> <p>Structure: 5 mm Clear glass+12 mm SFS+5 mm Clear glass.</p>		

**Approved by:** 王睿 **Checked by:** 丁仕鑫 **Compiled by:** 施妍

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Test Item	Moisture penetration index	
Test Method	EN 1279-2:2018 <i>Glass in building – Insulating glass units – Part 2: Long term test method and requirements for moisture penetration</i> EN 1279-4:2018 <i>Glass in Building-Insulating Glass Units-Part 4: Methods of test for the physical attributes of edge seal components and inserts</i> , Annex F	
Requirement of Criterion	Requirements in EN 1279-2:2018: 1.The average moisture penetration index ( $I_{av}$ ) of five test specimens shall not exceed 0.20 (or 20%). 2.The moisture penetration index of any test specimen shall not exceed 0.25 (or 25%).	
Test Result		
Sample No.	Moisture penetration index	The average moisture penetration index ( $I_{av}$ )
5	0.131	0.127
6	0.136	
7	0.128	
8	0.116	
9	0.122	
Item Conclusion	Pass	
Remark	1. Test location: Guanzhuang; 2. Main test equipment: J-38 ESJ200-4 Electronic scales, J-27-1 QHX-012 Weather cycle phase test chamber, J-74 V20 Karl-fischer moisture meter, J-26 GDJW-015 High and low temperature test chamber.	

End of the report

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