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检测
TESTING
CNAS L0690

TEST REPORT

Report No.: WT2025E09A00194E

Entrusted by: Dongguan Qunan Plastic Industrial Co., Ltd.

0.76mm SGP Heat Insulation

Sample Name: Ionoplast Interlayer

Test Type: Entrustment Test

China Testing & Certification International Group Co., Ltd.

China National Safety Glass & Quartz Glass Test Center

WT2025E09A00194

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

Report No.: WT2025E09A00194E

Sample Name	0.76mm SGP Heat insulation Ionoplast Interlayer	**Test Type**	Entrustment Test
Entrusted by	Dongguan Qunan Plastic Industrial Co., Ltd.	**Trademark**	——
Manufacturer	Dongguan Qunan Plastic Industrial Co., Ltd.	**Sample Status**	Meet the requirements of testing
Reception Date	March 5, 2025	**Sample Quantity**	13 pieces
Production Date/ Batch No.	——	**Model/Size**	Shown on each data sheet
Test Method	Shown on each data sheet	**Test Date**	March 11, 2025 – March 24, 2025
Criterion	JC/T 2763-2023 *Ionoplast interlayer used for laminated glass*		
Test Item	Thermal shrinkage, Light transmittance, Bump test, Haze, UV transmittance, Yellowness index, Solar infrared heat direct transmittance		
Conclusion	*The test results of thermal shrinkage and bump test conform to the requirements of JC/T 2763-2023. The test results are shown on Page 2-8.*		
Remark: (Blank)			

Date of issue: 2025-04-17

(Seal)

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

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Test Item	Thermal shrinkage	
Test Method	JC/T 2763-2023 *Ionoplast interlayer used for laminated glass*, Section 6.4	
Requirement of Criterion	The requirement of JC/T 2763-2023: Thermal shrinkage at lengthwise direction≤3%	
Test Result		
Sample No.	Thermal shrinkage /%	Average /%
1	1.0	1.3
2	1.5	
3	1.5	
Item Conclusion	Pass	
Remark	1. Test address: Guanzhuang; 2. Main test equipment: Q-43 DHG-9053A Electrothermal blowing dry box, J-52-1 150mm Straight steel ruler; 3. Sample size: 150mm×120mm×0.76mm.	

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Test Item	Light transmittance
Test Method	JC/T 2763-2023 *Ionoplast interlayer used for laminated glass*, Section 6.9, GB/T 2680-2021 *Glass in building——Determination of light transmittance, solar direct transmittance, total solar energy transmittance，ultraviolet transmittance and related glazing factors*
Requirement of Criterion	———

Test Result

Sample No.	Light transmittance/%
4	71.9
5	72.0
6	70.9
Item Conclusion	———
Remark	1. Test location: Guanzhuang ; 2. Main test equipment: S-45 Lambda950 UV/VIS Spectrometer; 3. Sample size:100mm × 100mm × (6mm ultra-clear glass+0.76mm interlayer +6mm ultra-clear glass).

Test Item	Bump test
Test Method	JC/T 2763-2023 *Ionoplast interlayer used for laminated glass*, Section 6.5
Requirement of Criterion	The requirement of JC/T 2763-2023: Bump value≥6
Test Result	
Sample No.	**Bump value**
7	8
8	8
9	8
Item Conclusion	Pass
Remark	1. Test address: Guanzhuang; 2. Main test equipment: J-80 QJC-1 Knocking hammer; 3. Sample size: 300mm×76mm× [5mm clear glass (tin side) +0.76mm interlayer + (tin side) 5mm clear glass].

Test Item	Haze
Test Method	JC/T 2763-2023 *Ionoplast interlayer used for laminated glass*, Section 6.10, GB/T 2410-2008 *Determination of the luminous transmittance and haze of transparent plastics*
Requirement of Criterion	———
Test Result	
Sample No.	Haze/%
11	0.55
12	0.58
13	0.57
Item Conclusion	------
Remark	1. Test location: Guanzhuang ; 2. Main test equipment: Q-07 SGH-2 Haze meter; 3. Sample size:100mm × 100mm × (6mm ultra-clear glass+0.76mm interlayer +6mm ultra-clear glass). 4. Procedure A: Hazemeter, Illuminant A.

Test Item	UV transmittance
Test Method	JC/T 2763-2023 *Ionoplast interlayer used for laminated glass*, Section 6.8, GB/T 2680-2021 *Glass in building——Determination of light transmittance, solar direct transmittance, total solar energy transmittance，ultraviolet transmittance and related glazing factors*
Requirement of Criterion	——

Test Result

Sample No.	UV transmittance /%
4	0.6
5	0.6
6	0.5
Item Conclusion	——
Remark	1. Test address: Guanzhuang ; 2. Main test equipment: S-45 Lambda950 UV/VIS Spectrometer; 3. Sample size:100mm × 100mm × (6mm ultra-clear glass+0.76mm interlayer +6mm ultra-clear glass).

Test Item	Yellowness index		
Test Method	JC/T 2763-2023 *Ionoplast interlayer used for laminated glass*, Section 6.7, HG/T 3862-2006(2017) *Plastics—Test method of Yellowness index*		
Requirement of Criterion	———		
Test Result			
Sample No.	**Yellowness index**	**Average**	**Standard deviation**
4	-2.7	-2.6	0.2
5	-2.4		
6	-2.7		
Item Conclusion	———		
Remark	1. Test address: Guanzhuang ; 2. Main test equipment: S-45 Lambda950 UV/VIS Spectrometer; 3. Sample size:100mm × 100mm × (6mm ultra-clear glass+0.76mm interlayer +6mm ultra-clear glass).		

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Test Item	Solar infrared heat direct transmittance
Test Method	GB/T 2680-2021 *Glass in building——Determination of light transmittance, solar direct transmittance, total solar energy transmittance， ultraviolet transmittance and related glazing factors,* Section 5.13
Requirement of Criterion	——
Test Result	
Sample No.	**Solar infrared heat direct transmittance /%**
10	13.1
——	
Item Conclusion	——
Remark	1. Test address: Guanzhuang ; 2. Main test equipment: S-45 Lambda950 UV/VIS Spectrometer; 3. Sample size:100mm × 100mm × (5mm ultra-clear glass+0.76mm interlayer +5mm ultra-clear glass).

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Test Item	UV transmittance
Test Method	GB/T 2680-2021 *Glass in building——Determination of light transmittance, solar direct transmittance, total solar energy transmittance，ultraviolet transmittance and related glazing factors,* Section 5.11
Requirement of Criterion	——

Test Result

Sample No.	UV transmittance /%
10	0.7
——	
Item Conclusion	——
Remark	1. Test address: Guanzhuang ; 2. Main test equipment: S-45 Lambda950 UV/VIS Spectrometer; 3. Sample size:100mm × 100mm × (5mm ultra-clear glass+0.76mm interlayer +5mm ultra-clear glass). 4. Requirement of entrusting party: Calculation of UV blocking rate (UV blocking rate=100%- UV transmittance) 5. UV blocking rate: 99.3%.

End of the report