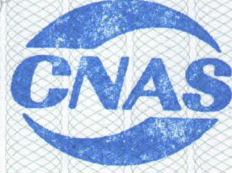




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中国认可  
国际互认  
检测  
TESTING  
CNAS L1209

# Test Report

Report Number: WT20240341(E)

Name of Sample: PVB interlayer

Client: Anhui Yaojing New Material Technology co; ltd

Test Category: Consignment inspection

China Building Material Test&Certification Group Qinhuangdao Co.,Ltd.

National Glass Quality Inspection and Testing Center





# Test Report

1 of 4 pages

<b>Name of sample</b>	PVB interlayer	<b>Trademark</b>	/
<b>Client</b>	Anhui Yaojing New Material Technology co; ltd	<b>Contact information</b>	16678541132
<b>Address of client</b>	No. 3 Panwang Road, Chaihe New Area, Chaihe Town, Laian County, Chuzhou City, Anhui Province	<b>Test Category</b>	Consignment inspection
<b>Manufacture</b>	Anhui Yaojing New Material Technology co; ltd	<b>Class/Category</b>	Building film
<b>Contract number</b>	20240253	<b>Production date/Batch number</b>	/
<b>Judgment method</b>	GB/T 32020-2015	<b>Date of accepting sample</b>	Mar. 13, 2024
<b>Test address</b>	No. 91, West Section of Hebei Street, Haigang District, Qinhuangdao City, Hebei Province	<b>Test item</b>	Yellow index, Roughness Rz, etc.
<b>Sample information</b>	<p>Specification &amp; quantity: Film 1000mm×2000mm 1 volume    Film 120mm×120mm 3 pieces          Film 100mm×100mm 3 pieces    Film type 5 sample 5 pieces    Film 10g 3 pieces          Laminated glass 300mm×150mm 2 pieces    Laminated glass 60mm×60mm 3 pieces          Laminated glass 300mm×300mm 6 pieces          Film thickness: 0.38mm          Laminated glass structure: 3mm clear glass+0.38mmPVB+3mm clear glass          Model / color: Colorless          Sample status: PVB samples aluminum film sealed package</p>		
<b>Conclusion</b>	<p>Upon testing, the test items of the PVB interlayer meet the requirements of the building film in GB/T 32020-2015 "Polyvinyl butyral interlayer for laminated glass". (the following blank)</p>		
<b>Remarks</b>	This report is a translation of the WT20240341 report		

Dedicated Inspection Seal  
Date of issue: Mar. 28, 2024



Editor: 梁晓雷

Auditor: [Signature]

Approval: [Signature]



中国建材检验认证集团秦皇岛有限公司  
China Building Material Test & Certification Group Qinhuangdao Co., Ltd.

国检集团 国家玻璃质量检验检测中心  
National Glass Quality Inspection and Testing Center

No.: WT20240341(E)

# Test Report Result

2 of 4 Pages

Name of sample		PVB interlayer		Sample Coding		JP2024-015		
Test Item	Test method	Sample number	Test results		Criterion (GB/T 32020-2015)	Single conclusion		
Volatile mass fraction		GB/T 32020-2015 5.4.1	1~3	Average: 0.46%		0.35%~0.55%		Qualified
Yellow index		HG/T 3862-2006	4~6	Average: 2.8		≤8		Qualified
Roughness Rz	Front	GB/T 32020-2015 5.4.3	26	Average: 18μm		15μm~50μm	Qual-ified	Qual-ified
	Back			Average: 20μm			Qual-ified	
Dimensional change rate		GB/T 32020-2015 5.4.4 GB/T 12027-2004	7~9	Average value of transverse dimensional change rate: 1.2% Average value of longitudinal dimensional change rate: -2.7%		≤12%		Qualified
Tensile strength		GB/T 32020-2015 5.4.5 GB/T 1040.3-2006 GB/T 1040.1-2006	10~14	Average: 24.5MPa		≥20.0MPa		Qualified
Fracture tensile strain		GB/T 32020-2015 5.4.5 GB/T 1040.3-2006 GB/T 1040.1-2006	10~14	Average: 246.5%		≥200%		Qualified
Knocking value		GB/T 32020-2015 5.4.6	24~25	Average: 8		≥8		Qualified
Light transmittance		GB/T 32020-2015 5.4.7 GB/T 2410-2008 Method A Haze meter method	15~17	Average: 88.6%		≥85%		Qualified
Haze		GB/T 32020-2015 5.4.7 GB/T 2410-2008 Method A Haze meter method	15~17	Average: 0.11%		≤0.60%		Qualified

(Continued on next page)



# Test Report Result

3 of 4 Pages

Name of sample	PVB interlayer		Sample Coding	JP2024-015	
Test Item	Test method	Sample number	Test results	Criterion (GB/T 32020-2015)	Single conclusion
High temperature resistance	GB/T 32020-2015 5.4.8 GB/T 5137.3-2002 6	18~20	3 samples did not produce bubbles, discoloration and other defects beyond 15mm from the edge or 10mm from the crack	Article 4.3, Article 6.4.1	Qualified
Humidity resistance	GB/T 32020-2015 5.4.9 GB/T 5137.3-2002 7	21~23	3 samples did not produce bubbles, discoloration and other defects beyond 15mm from the edge or 10mm from the crack	Article 4.3, Article 6.4.1	Qualified
Radiation resistance	GB/T 32020-2015 5.4.10 GB/T 5137.3-2002 5	15~17	Irradiation resistance: 99.50%, 99.67%, 99.75%	≥95%	Qualified

Remarks: /

Blanks here

Reporter: 

Checker: 

Date of test: Mar. 13, 2024 to Mar. 28, 2024



中国建材检验认证集团秦皇岛有限公司

China Building Material Test & Certification Group Qinhuangdao Co., Ltd.

国检集团

国家玻璃质量检验检测中心  
National Glass Quality Inspection and Testing Center

No.: WT20240341(E)

## Instruments list

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NO.	Instrument name	Instrument number
1	Steel ruler	QCTC-B-025
2	Steel tape	QCTC-B-063
3	Bench thickness gauge	QCTC-B-112
4	Oven	QCTC-A-033
5	Electronic balance	QCTC-A-231
6	Vacuum drying chamber	QCTC-A-233
7	Spectral colorimeter	QCTC-A-004
8	Roughness Tester	QCTC-A-234
9	High and low temperature alternating humidity and heat test chamber	QCTC-A-339
10	Electronic all-purpose testing machine	QCTC-A-072
11	Electronic digital caliper	QCTC-B-090
12	High precision haze meter	QCTC-A-239
13	Knock test box	QCTC-A-236
14	Boiling box	QCTC-A-015
15	Constant temperature and humidity test chamber	QCTC-A-030
16	Radiation resistance tester	QCTC-A-386

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