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中国认可  
国际互认  
检测  
TESTING  
CNAS L1209

# Test Report

**Report Number:** WT20240342(E)

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**Name of Sample:** PVB interlayer

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**Client:** Anhui Yaojing New Material Technology co;ltd

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**Test Category:** Consignment inspection

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

National Glass Quality Inspection and Testing Center



# Test Report

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<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>	20240254	<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>	Specification & 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: 0.76mm Laminated glass structure: 3mm clear glass+0.76mmPVB+3mm clear glass Model / color: Colorless Sample status: PVB samples aluminum film sealed package		
<b>Conclusion</b>	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)		
<b>Remarks</b>	This report is a translation of the WT20240342 report		

Dedicated Inspection Seal

Date of issue: Mar. 28, 2024

Editor: 梁晓雷

Auditor: 

Approval: 





# Test Report Result

Name of sample		PVB interlayer		Sample Coding		JP2024-016	
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: 0.42%		0.35%~0.55%	Qualified	
Yellow index	HG/T 3862-2006	4~6	Average: 3.7		≤8	Qualified	
Roughness Rz	GB/T 32020-2015 5.4.3	26	Average: 34μm		15μm~50μm	Qual-ified	Qual-ified
			Average: 22μm			Qual-ified	
Dimensional change rate	GB/T 32020-2015 5.4.4	7~9	Average value of transverse dimensional change rate: 1.8%		≤12%	Qualified	
	GB/T 12027-2004		Average value of longitudinal dimensional change rate: -2.0%				
Tensile strength	GB/T 32020-2015 5.4.5 GB/T 1040.3-2006 GB/T 1040.1-2006	10~14	Average: 25.0MPa		≥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: 272.5%		≥200%	Qualified	
Knocking value	GB/T 32020-2015 5.4.6	24~25	Average: 9		≥8	Qualified	
Light transmittance	GB/T 32020-2015 5.4.7 GB/T 2410-2008 Method A Haze meter method	15~17	Average: 88.9%		≥85%	Qualified	
Haze	GB/T 32020-2015 5.4.7 GB/T 2410-2008 Method A Haze meter method	15~17	Average: 0.24%		≤0.70%	Qualified	

(Continued on next page)



# Test Report Result

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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: 99.56%, 99.54%, 99.74%	≥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.: WT20240342(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

# 本机构联系方式

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