

## TEST REPORT

No. : TJIN2210006358CM

Date : Oct 14, 2022

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scan to see the report



TJIN2210006358CM

CUSTOMER NAME: M/S AI-MADINA TRADERS  
ADDRESS: 49 EAST TEJTURI BAZAR, TEJGAON, DHAKA-1215, BANGLADESH

Sample Name : PVC Gas proof (GP) sheet

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

SGS Ref. No. : GZMR221003152001; SL922193268460TX  
Date of Receipt : Oct 08, 2022  
Testing Start Date : Oct 08, 2022  
Testing End Date : Oct 14, 2022  
Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services(Tianjin) Co., Ltd

Duke Gai  
Authorized signatory



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1. Test Item: Mass per Unit Area

Test Method: ISO 9864:2005 and client's requirement

Test Condition:

Specimen : 100mm×100mm 10pcs

Lab Environmental Condition: (23±2) °C, (50±5) %RH

Test Result:

Test Item	Test Result	client's requirement	Conclusion
Mass per Unit Area	515 g/m <sup>2</sup>	(500±20) g/m <sup>2</sup>	Pass

Note: Test specimens were cut from the sample.



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2. Test Item: Tear Strength

Sample Description: Sheet

Test Method: With reference to ISO 13937-2:2000 and client's requirement

Test Condition:

Specimen width: 50mm

Testing speed: 100mm/min

Grip separation: 100mm

Lab Environmental Condition: 23 ± 2 °C, 50 ± 5 % RH

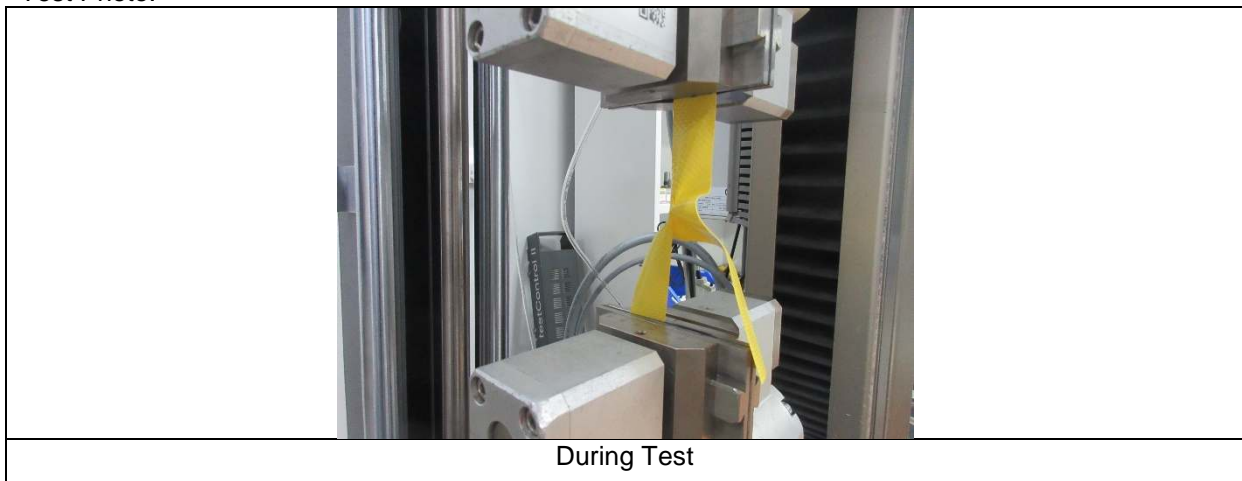
Test Result:

Test Item	Test Result		Client's Requirement	Conclusion
Tear Strength	Across weft	270N	≥120N	Pass
	Across warp	242N	≥150N	Pass

Note:

1. Test specimens were cut from the sample.
2. The result was maximum force, and the result was for reference only as the yarn is drawn from the sample during the specimen.

Test Photo:



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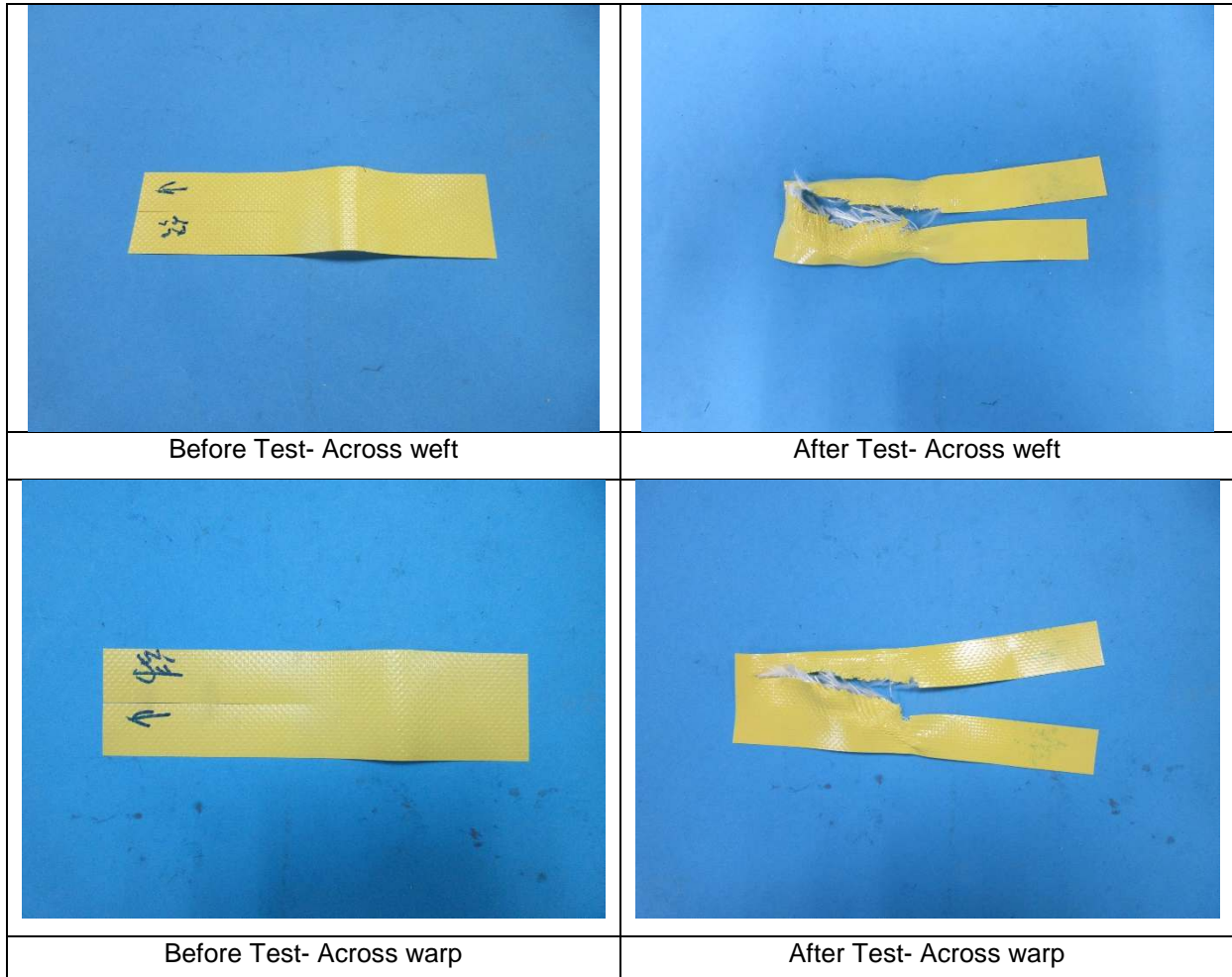
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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	Z010	GZMR-PL-E109	2022-05-25	2023-05-24



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### 3.Test Item: Tensile Test

Sample Description: Sheet

Test Method: ISO 13934-1:2013

Test Condition:

Specimen width: 50mm

Testing speed: 100mm/min

Gauge length: 200mm

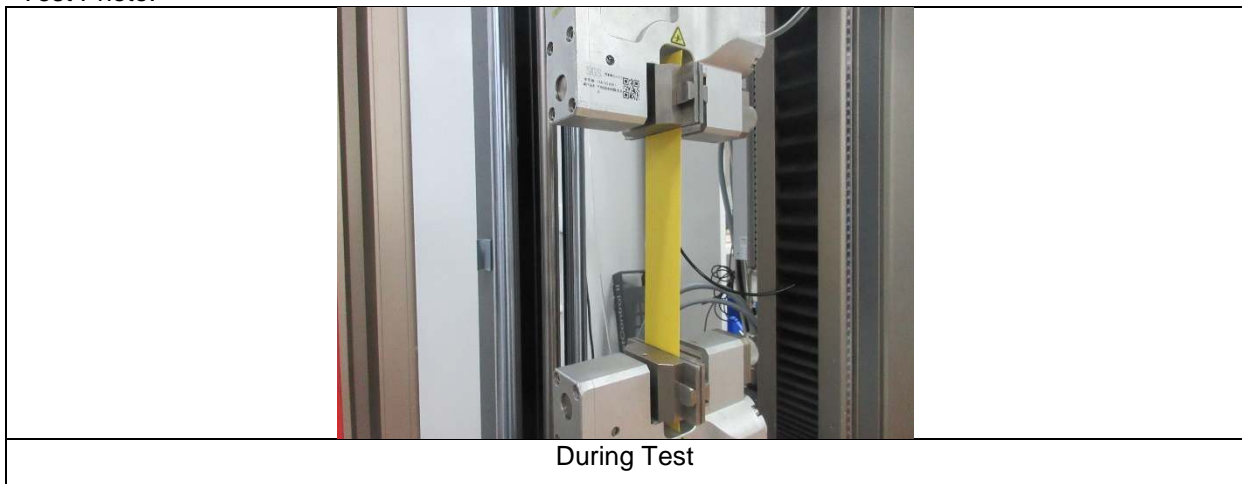
Lab Environment Condition: (23 ± 2) °C, (50 ± 5) % RH

Test Result:

Test Item	Test Result		Client's Requirement	Conclusion
Maximum Force	Warp	2050N/50mm	≥1400N/50mm	Pass
	Weft	1740N/50mm	≥1250N/50mm	Pass
Elongation at Maximum Force	Warp	23.0%	≥20%	Pass
	Weft	30.5%	≥20%	Pass

Note: Test specimens were cut from the sample.

Test Photo:



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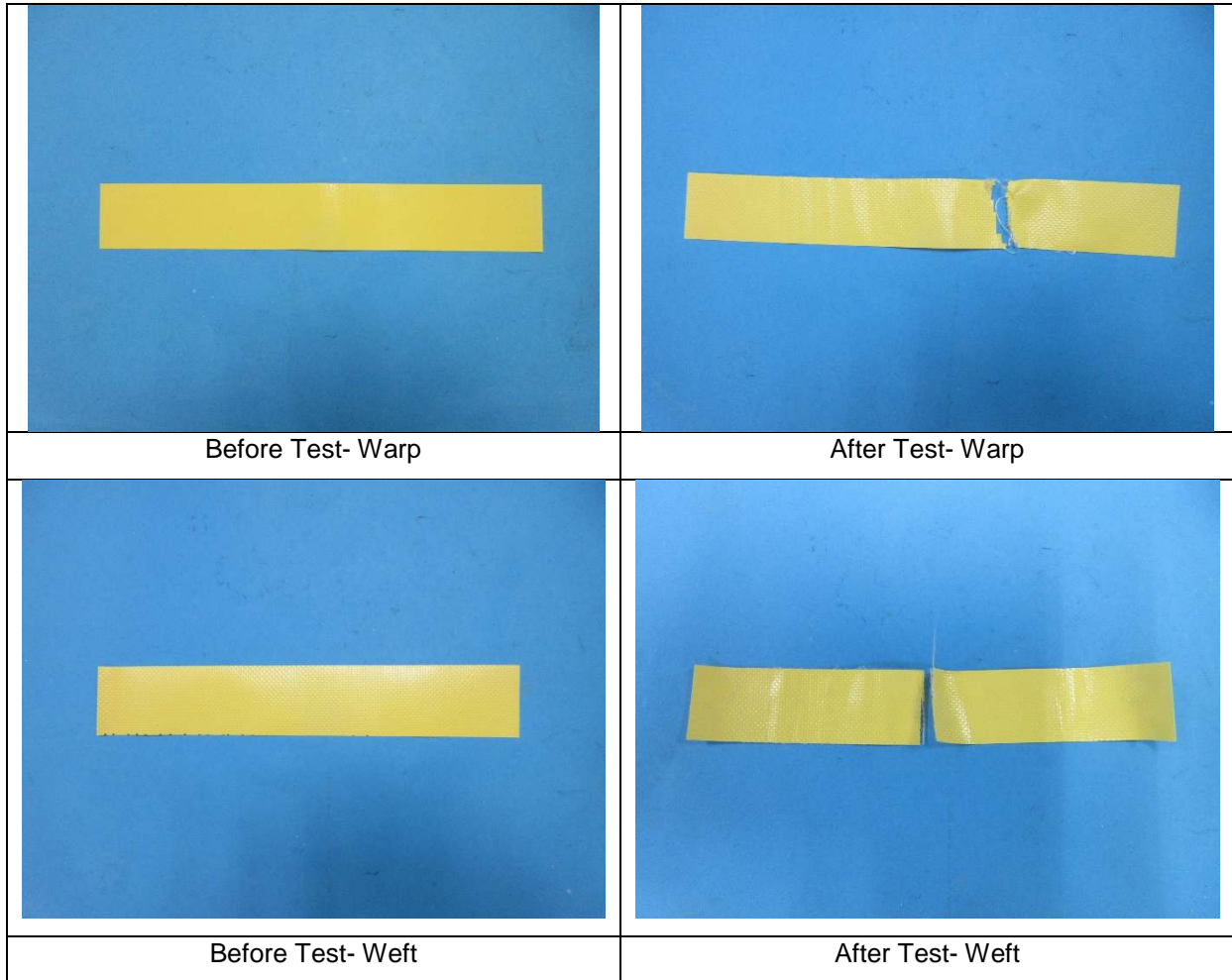
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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	Z030	GZMR-PL-E140	2022-06-21	2023-06-20



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4. Test Item: Thickness

Sample Description: Sheet

Test Method: ISO 4593:1993

Test Condition:

Load: 1.0N

Pressure:30.5kPa

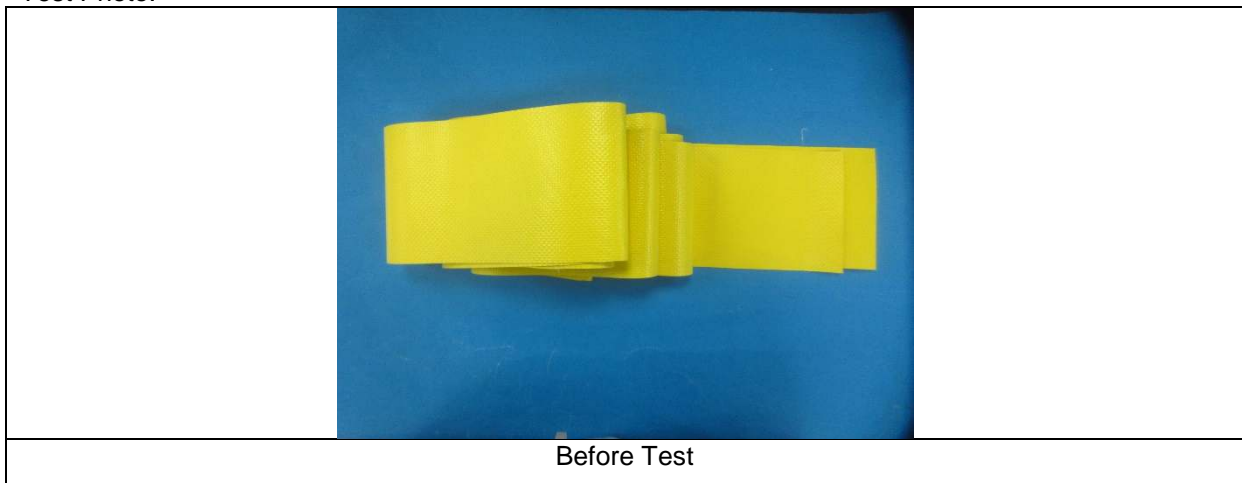
Lab Environmental Condition: 23±2°C, 50±5%RH

Test Result:

Test Item	Test Result	Client's Requirement	Conclusion
Thickness	0.458mm	≥0.42mm	Pass

Note: Test specimens were cut from the sample.

Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Digital Thickness Gauge	0mm~9mm/0.001 mm	GZMR-PL-E025	2022-05-06	2022-11-05



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5. Test Item: Heat Ageing Test

Sample Description: Sheet

Test Method: Provided by client

Test Condition: 70°C, 24h

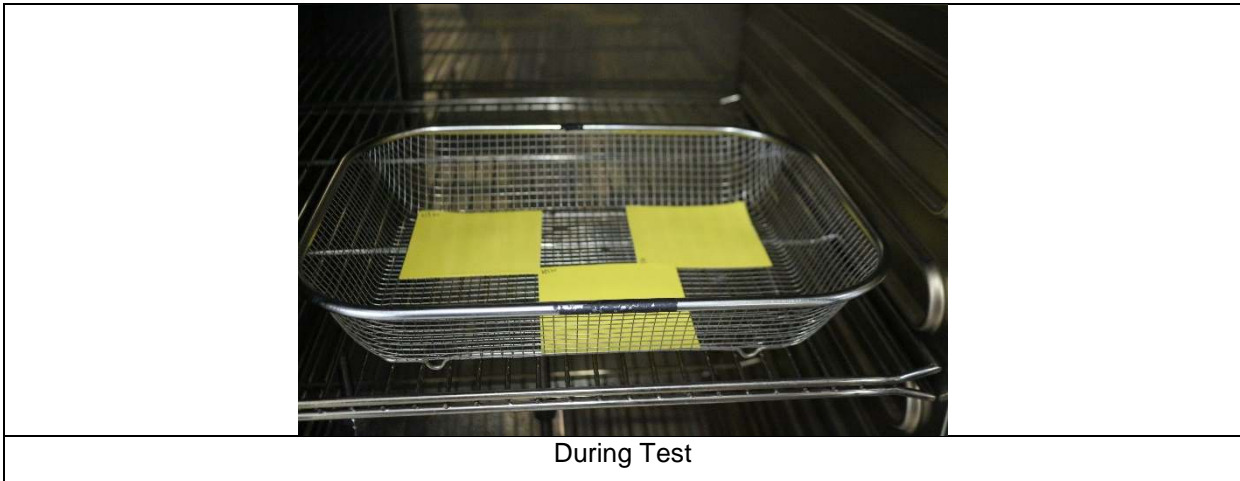
Lab Environmental Condition: 23±2°C, 50±5%RH

Test Result:

Test Item	Test Result	Client's Requirement	Conclusion
Heat Ageing Test	No Cracking	No Cracking	Pass

Note: Test specimens were cut from the sample.

Test Photo:



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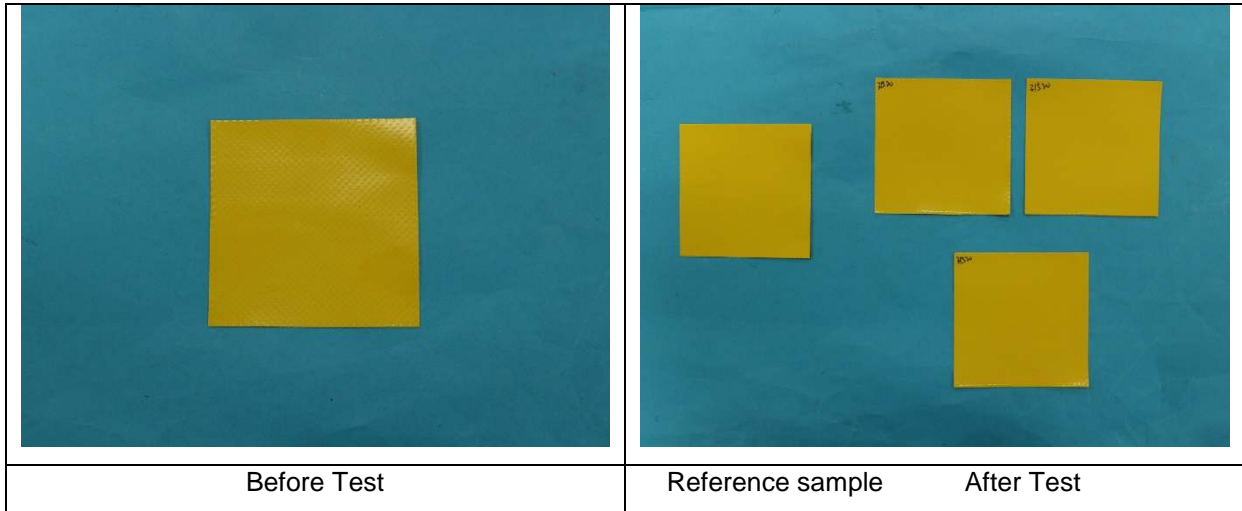


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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Oven	UF750	GZMR-AG-E181	2022-09-14	2023-09-13



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6.Test Item: Cold Test

Sample Description: Sheet

Test Method: Provided by client

Test Condition:-20°C , 24h

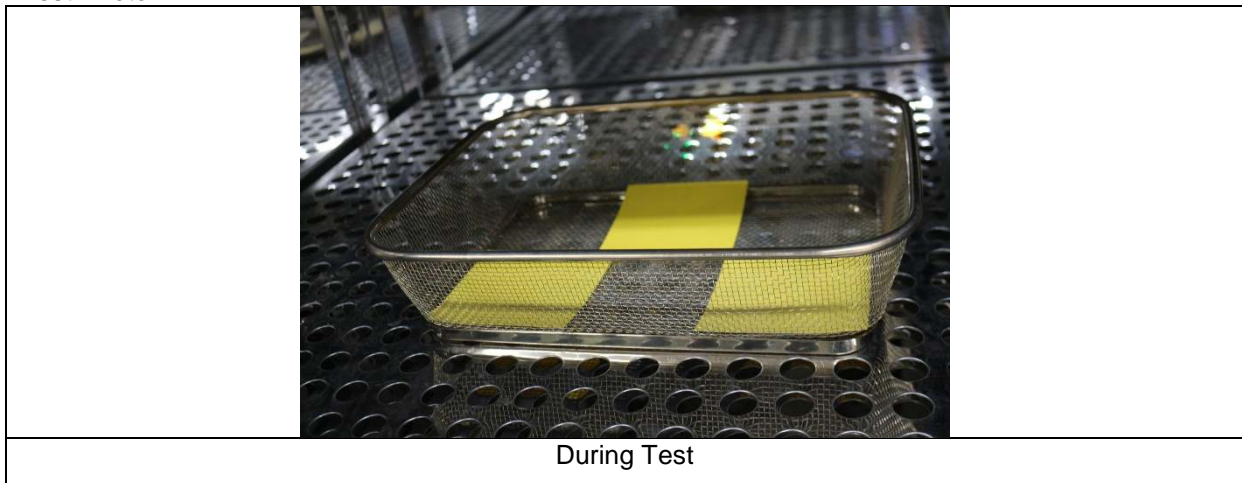
Lab Environmental Condition: 23±2°C , 50±5%RH

Test Result:

Test Item	Test Result	Client's Requirement	Conclusion
Cold Test	No Cracking	No Cracking	Pass

Note: Test specimens were cut from the sample.

Test Photo:



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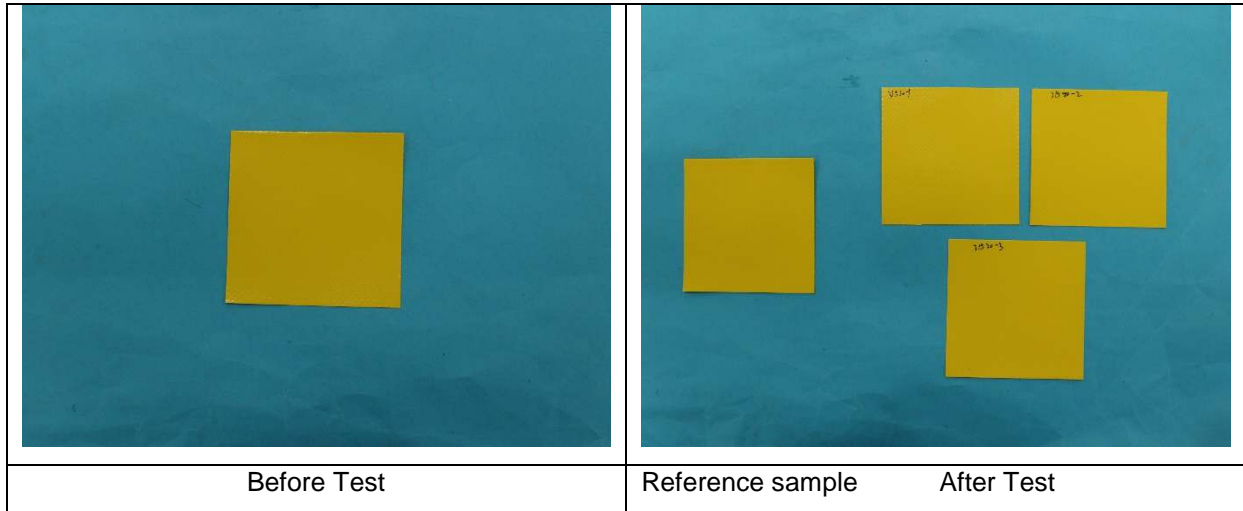
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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
High/Low Temperature Impact Chamber	MS-WSJ-360B	GZMR-PL-E137	2022-03-15	2023-03-14



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7. Test Item: Air Permeability

Test Method: AS 2001.2.34-1990

Textest FX 3300 Air permeability tester III; Test pressure: 196Pa; Test area: 38cm<sup>2</sup>

Test Item	Unit	Result
Air Permeability Average	cm <sup>3</sup> /cm <sup>2</sup> /s	Not detectable #

#detection limit: 0.05cm<sup>3</sup>/cm<sup>2</sup>/s



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SGS-CSTC Inspection & Testing Services (Tianjin) Co., Ltd.  
Materials Laboratory

Building C-13, No. 80, Haiyun Avenue, TEDA, Tianjin, China 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 www.sgsgroup.com.cn  
中国·天津·经济技术开发区海云街80号C-13厂房 邮编: 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



# TEST REPORT

No. : TJIN2210006358CM

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8. Test Item : Water Resistance(Hydrostatic Head)

Test Method:

AS 2001.2.17-1987

Hydrostatic Head; Rate of increase of water pressure: 10 cm H<sub>2</sub>O/min, temp. of distilled water: 20°C, Face Side Facing Water

As received						
Sample	Unit	No 1	No 2	No 3	Average	Requirement
Water Column	mmH2O	>10000	>10000	>10000	>10000	-



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Building C-13, No.80, Haiyun Avenue, TEDA, Tianjin, China 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 www.sgs.com.cn  
中国·天津·经济技术开发区海云街80号C-13厂房 邮编: 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## TEST REPORT

No. : TJIN2210006358CM

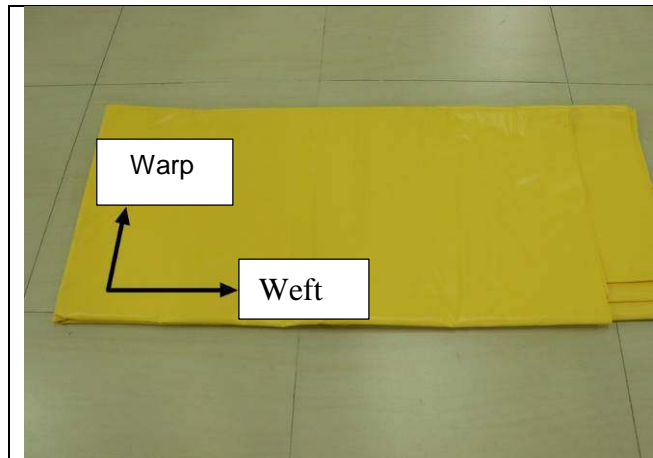
Date : Oct 14, 2022

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Note: test project/method 7-8 was carried out by other laboratory in SGS group.

The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

Original Sample Photo:



\*\*\*\*\* End of report\*\*\*\*\*



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Materials Laboratory

Building C-13, No.80, Haiyun Avenue, TEDA, Tianjin, China 300457 t (86-22) 5999 5319 f (86-22) 5999 5335 www.sgs.com.cn  
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