

TEST REPORT

No. : GZIN1809049798MR

Date : Sep 25, 2018

Page: 1 of 8

CUSTOMER NAME: ZHONGSHAN FORTUNE-WAY ENVIRONMENTAL TECHNOLOGY CO., LTD

ADDRESS: ROOM 501, 5TH FLOOR, BUILDING 2, NO.1 LIANLI ROAD, TORCH DEVELOPMENT ZONE, ZHONGSHAN

Sample Name : FORTUNE-WAY MEMBRANE

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. : CP18-051762

Date of Receipt : Sep 17, 2018

Testing Start Date : Sep 17, 2018

Testing End Date : Sep 25, 2018

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 Co., Ltd. GZ Branch Testing
Center



Kelly Lee
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center

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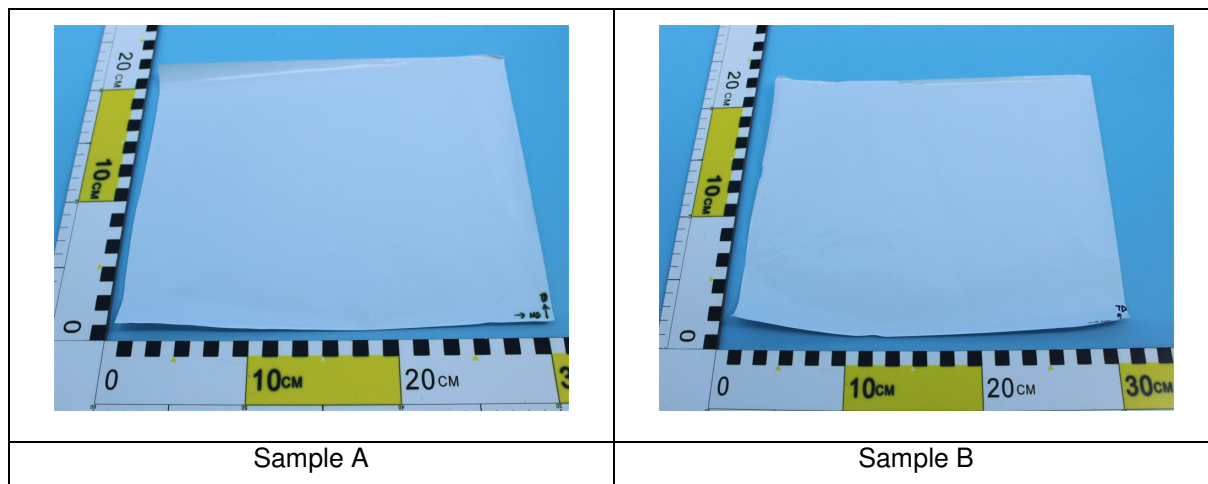
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Summary of Results:

No.	Test Item	Test Method	Result		Conclusion
1	Puncture Resistance	GB/T 21302-2007 Section 6.5.5	7.2N		/
2	Tear Strength	QB/T 1130-91	MD	130kN/m	/
			TD	140kN/m	
3	Tensile Test	With refer to GB/T 1040.1-2006 & GB/T 1040.3-2006 and client's requirement	See results		/

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.

Original Sample Photo:



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Sample C



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Guangzhou Branch Testing Services & Reliability Laboratory

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1. Test Item: Puncture Resistance

Sample Description: Film

Test Method: GB/T 21302-2007 Section 6.5.5

Test Condition:

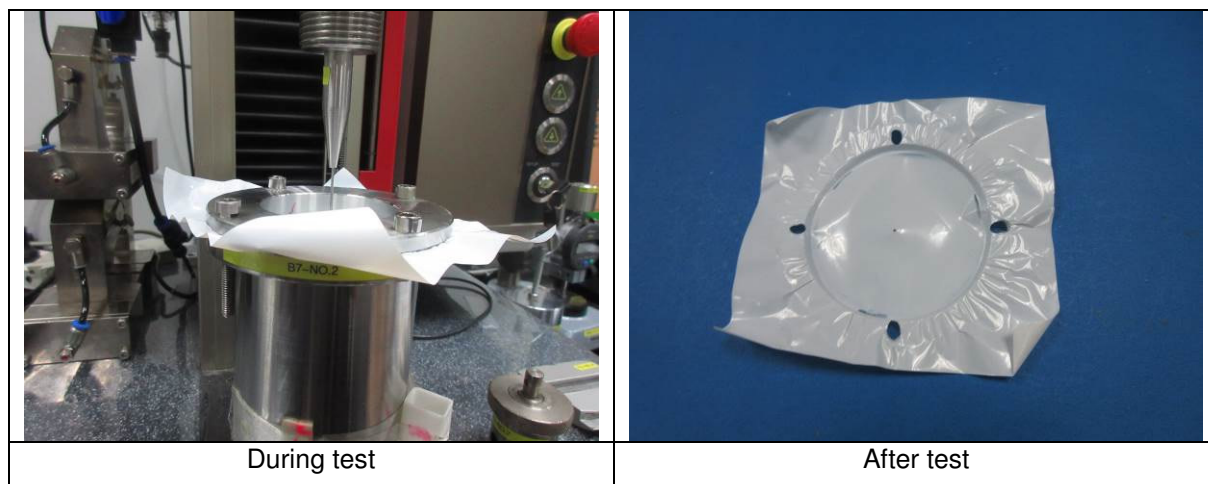
Testing speed: 50mm/min

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

Test Result:

Sample	Test Item	Test Result
C	Puncture Resistance	7.2N

Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	Z1.0	GZMR-PL-E168	2018-05-14	2019-05-13



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2.Test Item: Tear Strength

Sample Description: Film

Test Method: QB/T 1130-91

Test Condition:

Specimen thickness: 0.026mm

Testing speed: 200mm/min

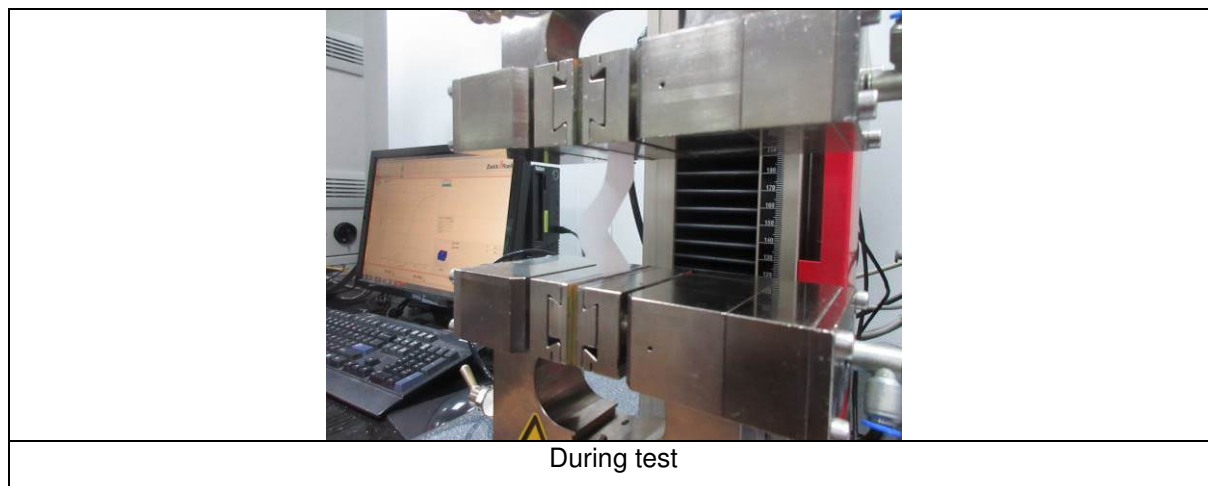
Lab Environmental Condition: 23±2°C, 50±5%RH

Test Result:

Sample	Test Item	Test Result	
B	Tear Strength	MD	130kN/m
		TD	140kN/m

Note: Test specimens were cut from the sample.

Test Photo:

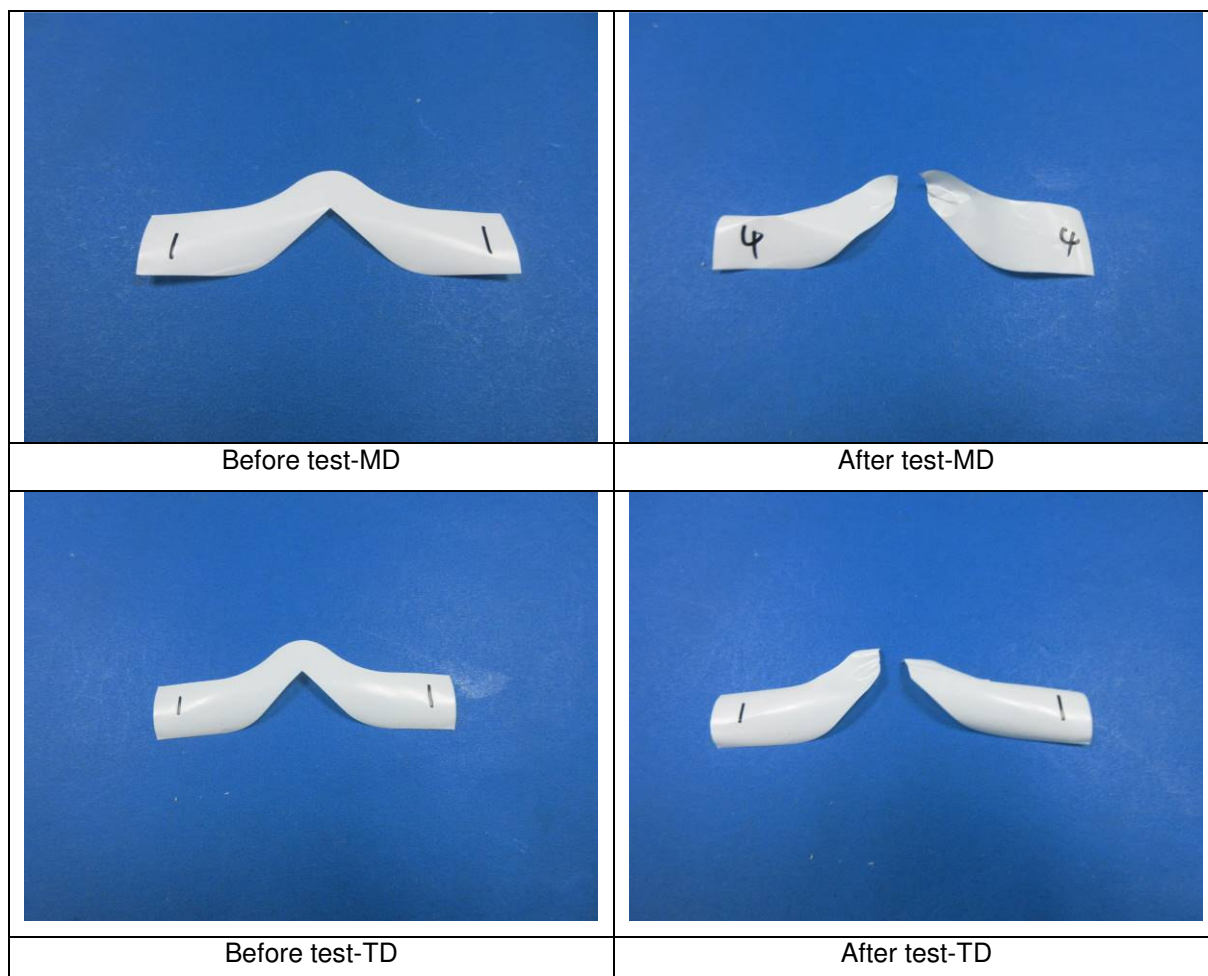


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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	Z1.0	GZMR-PL-E168	2018-05-14	2019-05-13



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3.Test Item: Tensile Test

Sample Description: Film

Test Method: With reference to GB/T 1040.1-2006 & GB/T 1040.3-2006 and client's requirement

Test Condition:

Specimen: Type 2

Specimen width: 15 mm

Specimen thickness:0.026 mm

Testing speed: 500 mm/min

Initial distance between grips: 100 mm

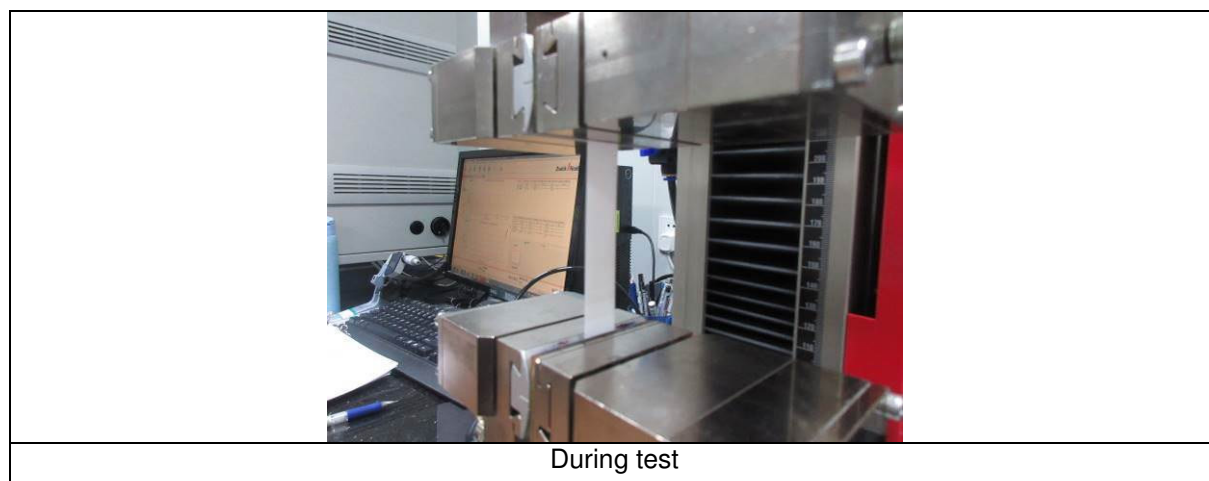
Lab Environmental Condition: (23 ± 2) °C, (50 ± 5) % RH

Test Result:

Sample	Test Item	Test Result	
A	Tensile Strength	MD	136MPa
		TD	141MPa
	Elongation at Break	MD	110%
		TD	91%

Note: Test specimens were cut from the sample.

Test Photo:



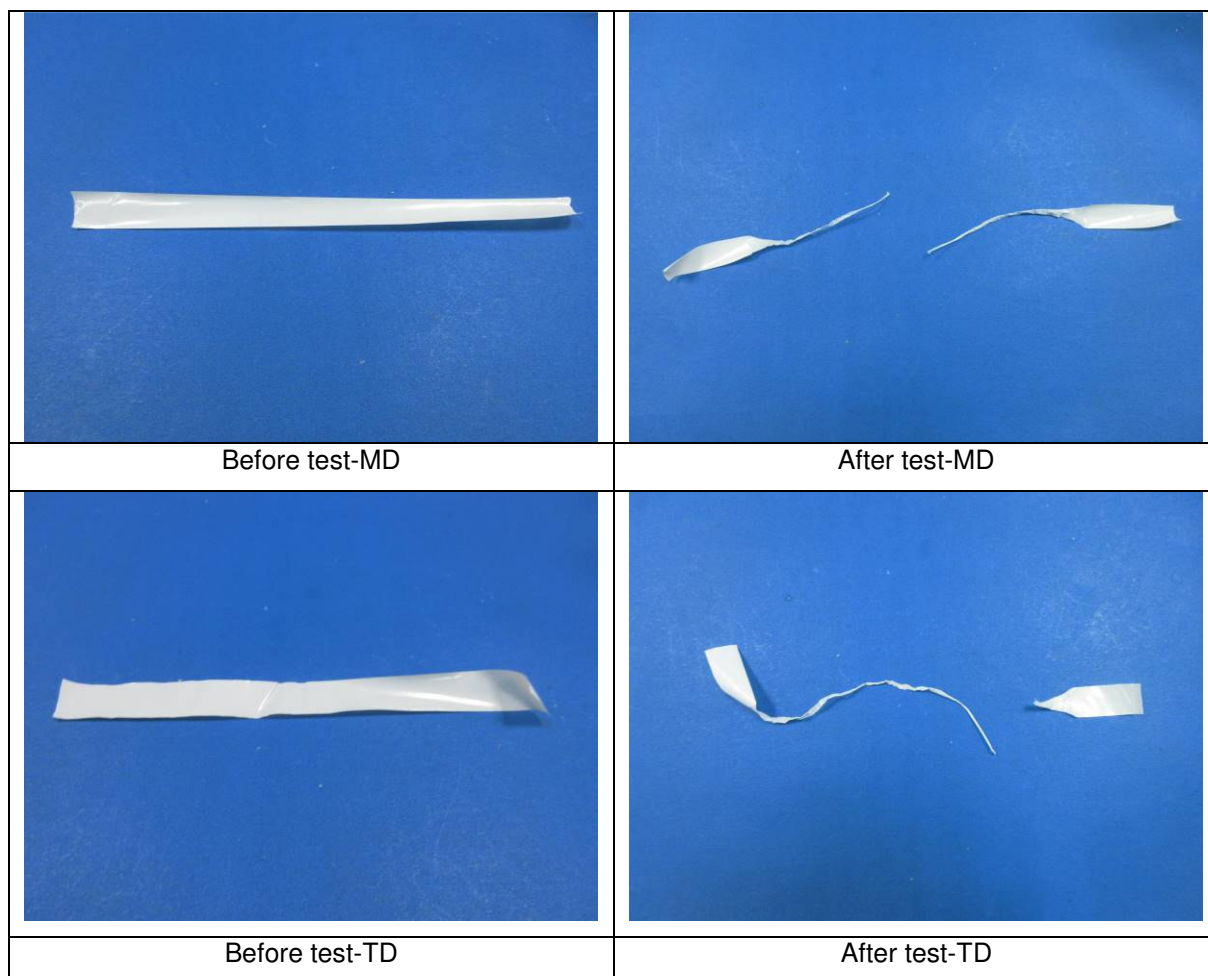
During test

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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	Z1.0	GZMR-PL-E168	2018-05-14	2019-05-13

Appendix information: 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.

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



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