



Test Report

No.: GZHL2304009470SD

Date: Apr 17, 2023

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MINISO (GUANGZHOU) CO., LTD
ROOM 2501, NO. 486 HEYE SQUARE, KANGWANG MIDDLE ROAD, LIWAN DISTRICT, GUANGZHOU, CHINA

Sample Description : LARGE SHOPPING BAG
Manufacturer : GUANGZHOU BAIYUN HUALI PLASTIC FACTORY
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Apr 03, 2023
Test Performing Date : Apr 03, 2023 to Apr 17, 2023
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Arthur Mak
Authorized Signatory



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Guangzhou Branch Testing Center

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Test Conducted: Based on QB/T 2461-1999 Clause 5.1~5.3

Test Results: Details shown as following table

Test Item	Test Requirement / Test Method	Test Result
5.1 Appearance	No holes or defects that affect use.	PASS
5.2 Specifications	The width and deviation, as well as the thickness and deviation, should comply with the requirements of Table 1 and Table 2.	PASS (See annex 1)
5.3 Physical and mechanical properties	It should comply with the provisions of Clause 4.3 in GB/T 4456	PASS (See annex 1)

Annex 1

SGS Ref No.:GZMR230400876501

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Width	QB/T 2461-1999 Section 6.2.1 & GB/T 6673-2001	See result	Pass
2	Dart Impact	QB/T 2461-1999 Section 6.3.2 & GB/T 9639.1-2008 Method A	Number of non ruptures: 10	Pass
3	Tensile Strength and Elongation at Break	QB/T 2461-1999 Section 6.3.1 & GB/T 13022-1991	See result	Pass
4	Thickness	QB/T 2461-1999 Section 6.2.2 & GB/T 6672-2001	See result	Pass

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



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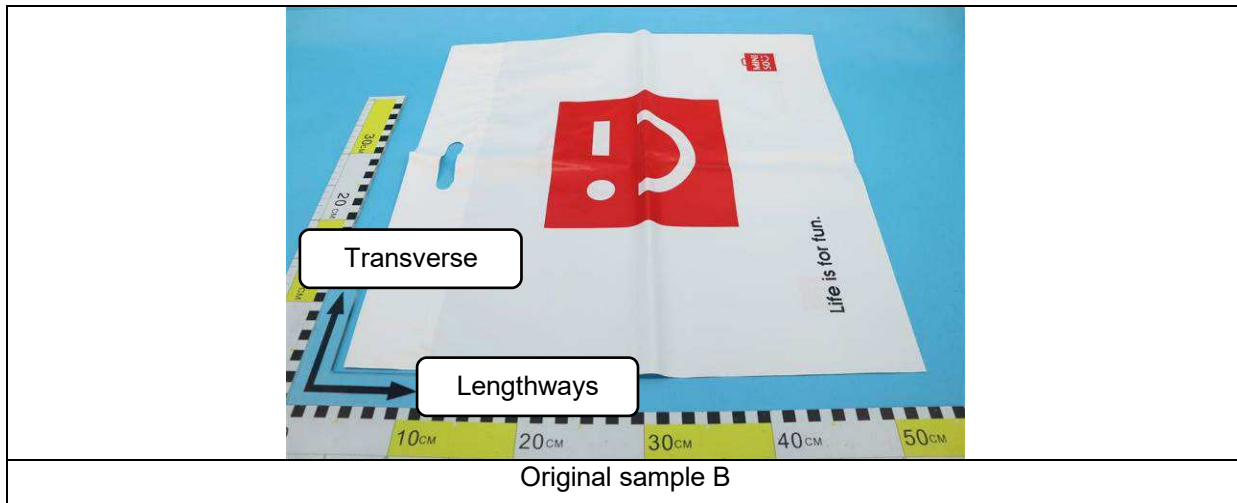
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Original Sample Photo:



1. Test Item: Width

Sample Description: Plastic bag

Test Method: QB/T 2461-1999 Section 6.2.1 & GB/T 6673-2001

Test Condition:

Nominal width: 490mm (Provided by client)

Measured by straight steel ruler

Lab Environment Condition: $(23 \pm 2)^{\circ}\text{C}$, $(50 \pm 5)\%\text{RH}$

Test Result:

Test Item	Test Result	Requirement in QB/T 2461-1999 Table 1(401~500mm)	Conclusion
Width	486mm	/	/
Width Limit Deviation	-3mm -4mm	$\pm 12\text{mm}$	Pass

Note:

1. Since the nominal width is provided by the client, the relevant results and conclusion of this report are only made for these data, SGS is not responsible for the authenticity, integrity of these data and the validity of results and conclusion.

2. Limit Deviation, mm = Maximum value (minimum value) - nominal value



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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Straight Steel Ruler	600mm	GZMR-PL-E017-10	2023-01-17	2024-01-16

2.Test Item: Dart Impact

Sample Description: Plastic bag

Test Method: QB/T 2461-1999 Section 6.3.2 & GB/T 9639.1-2008 Method A

Test Condition:

Nominal Thickness: 0.06mm(Provided by client)

Dart weight: 80g

Number of Specimens tested:10

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

Test Result:

Test Item	Test Result	Requirement in QB/T 2461-1999 Section 5.3 & GB/T 4456-2008 Table 3 (PE-HD Film)	Conclusion
Dart Impact	Number of non ruptures: 10	Number of non ruptures ≥8	Pass

Note:

1. Test specimens were cut from the sample.
2. The inside surface was faced to the falling dart.



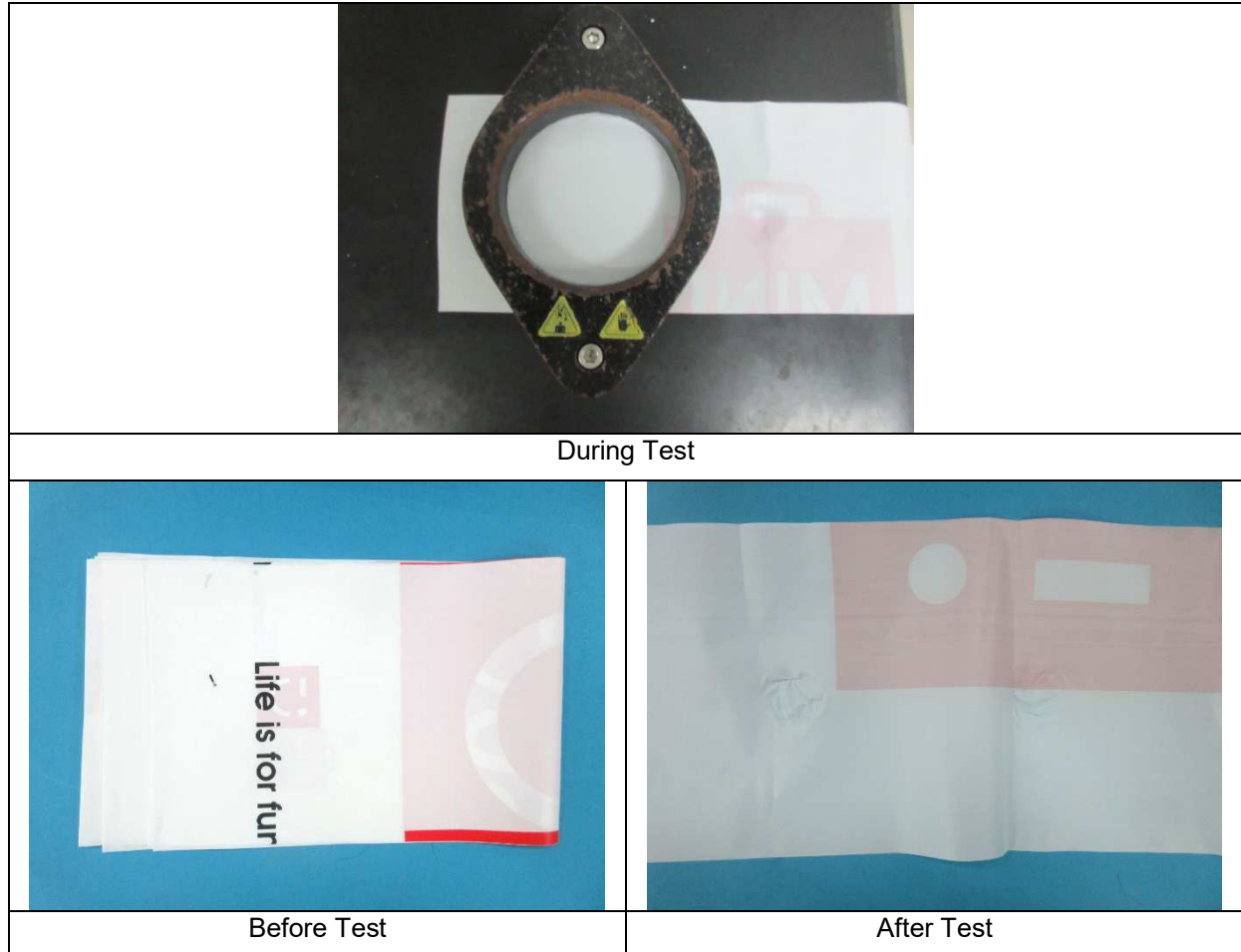
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Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Falling Dart Impact Tester	FDI-01	GZMR-PL-E181	2023-02-20	2024-02-19



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3. Test Item: Tensile Strength and Elongation at Break

Sample Description: Plastic bag

Test Method: QB/T 2461-1999 Section 6.3.1 & GB/T 13022-1991

Test Condition:

Specimen: Type I

Specimen thickness: 0.061mm

Testing speed: 500mm/min

Gauge length: 40mm

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

Test Result:

Test Item	Test Result		Requirement in QB/T 2461-1999 Section 5.3 & GB/T 4456-2008 Table 3 (PE-HD Film)	Conclusion
Tensile Strength	Transverse	33.0MPa	≥25MPa	Pass
	Lengthways	44.1MPa (See table 1)		Pass
Elongation at Break	Transverse	640%	≥230%	Pass
	Lengthways	730%		Pass

Table 1:

Specimen	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Tensile Strength, MPa	30.96	32.01	23.04	56.32	35.65	66.79	53.24	56.21	45.10	41.44

Note: Test specimens were cut from the sample.



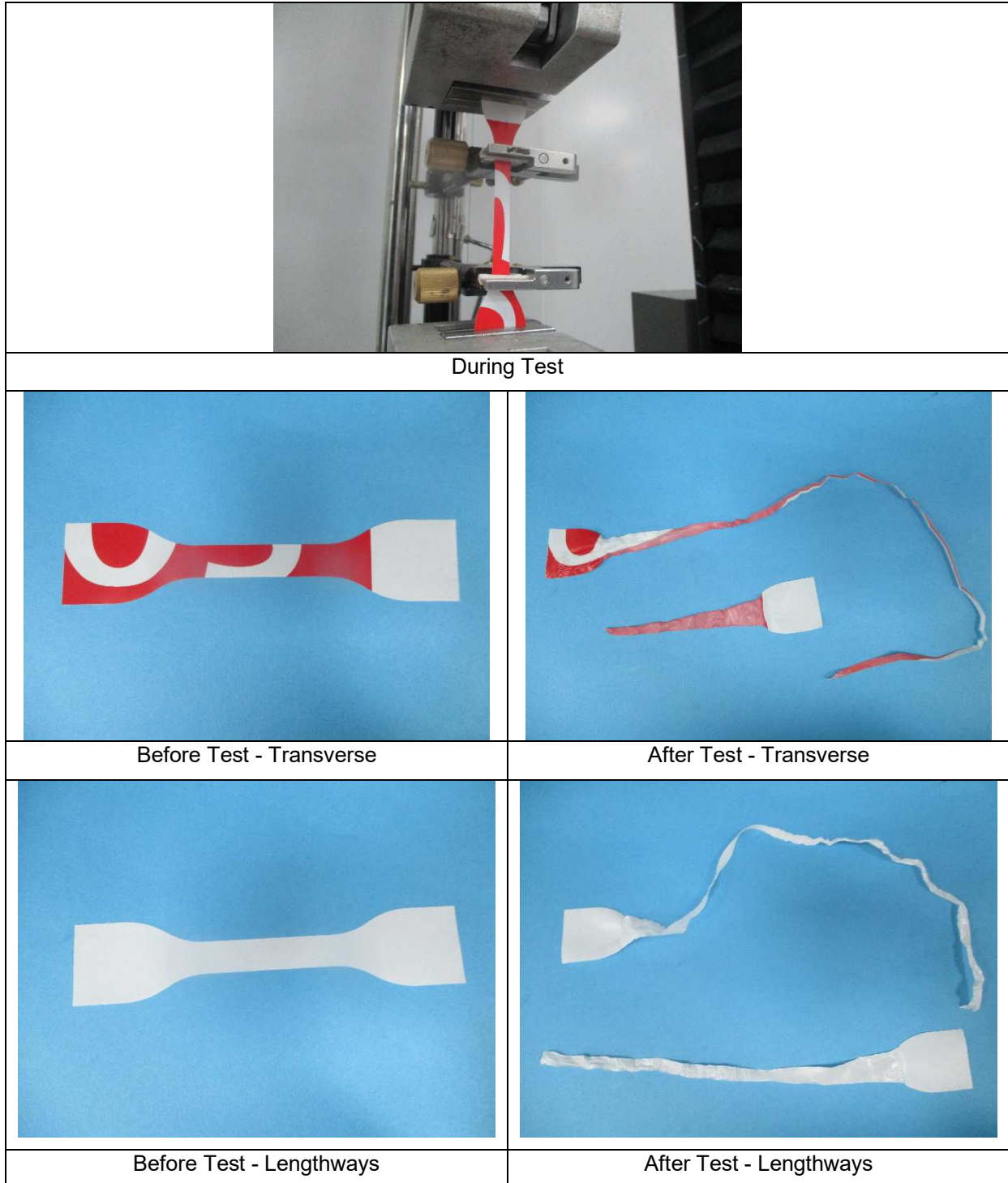
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Test Photo:



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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	CMT6103	GZMR-PL-E022	2022-06-22	2023-06-21

4. Test Item: Thickness

Sample Description: Plastic bag

Test Method: QB/T 2461-1999 Section 6.2.2 & GB/T 6672-2001

Test Condition:

Nominal Thickness: 0.060mm(Provided by client)

Load: 0.8N

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

Test Result:

Test Item	Test Result	Requirement in QB/T 2461-1999 Table 1(0.060mm)	Conclusion
Thickness	0.061mm	/	/
Mean Deviation	1.7%	±12%	Pass
Limit Deviation	+0.007mm -0.001mm	±0.018mm	Pass

Note:

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2. Limit Deviation, mm= Maximum value (minimum value) - nominal value
3. Mean Deviation, % = (Average value - nominal value)/nominal value × 100
4. Test specimens were cut from the sample.



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Test photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Digital Thickness Gauge	0mm~9mm/0.001mm	GZMR-PL-E025	2022-10-27	2023-04-26



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Sample Photo(s):



Sample as received

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Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

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