

TEST REPORT

No. : QDIN2306001207PL01-1_EN

Date : 2023-07-26

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scan to see the report



QDIN2306001207PL01-1

CUSTOMER NAME: QINGDAO MONSTER TRADING CO.,LTD
ADDRESS: NO.126 JIAOZHOU ECONOMIC & TECHNOLOGY DEVELOPMENT
AREA, QINGDAO CITY , SHANDONG,CHINA

Sample Name : Sample 1~Sample 3:RUBBER CONVEYOR BELT
Product Specification : Sample 1: 4EP-250 (5/3) M (Z-3)
Sample 2: 4EP-500 (7/3) M (Z-3)
Sample 3: EP1000/4-5/3, C2
Product or Lot No. : Sample 1~Sample 3: MON-SSA-230126
Manufacturer : Sample 1~Sample 3: MONSTER BELTING INDUSTRY CO.,LTD
Buyer : Sample 1~Sample 3: SA-SA Engineering dooel Skopje

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. : GZMR230701999701, AJFS2306005711FF
Date of Receipt : 2023-06-28
Testing Period : 2023-06-28 ~ 2023-07-24
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 (Qingdao) Co., Ltd..

Kayla Chu

Kayla Chu
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Abrasion Resistance	DIN ISO 4649:2021	120mm ³	N/A
2	Tensile Test	DIN 53504:2017	See result	N/A
3	Adhesion	ISO 252:2023 Method A	See Result	N/A
4	Flammability Characteristics	ISO 340:2013	See Result	N/A

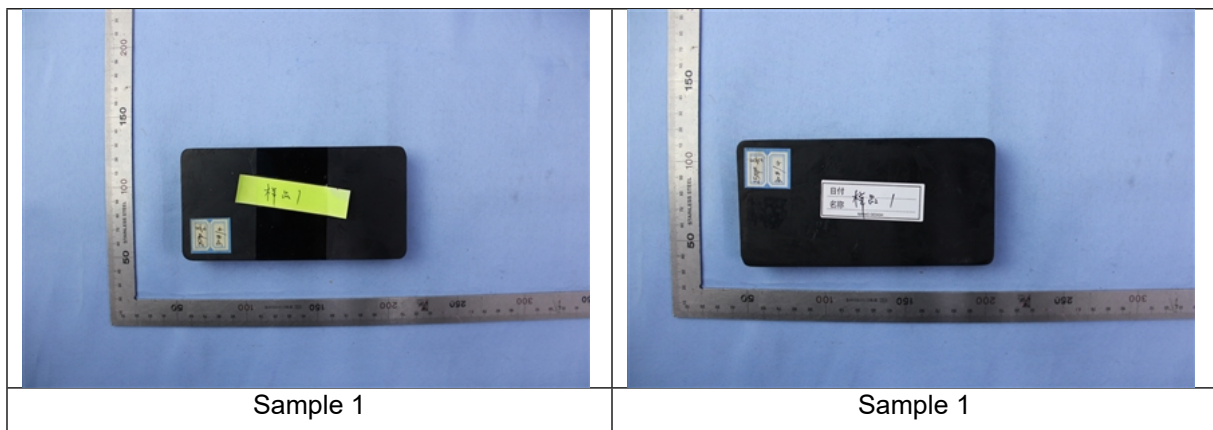
Note:1. Pass : Meet the requirements;

Fail : Does not meet the requirements;

N/A : Not Apply to the judgment.

- Test item 3 was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch (CNAS L0167, CMA 202319121786).
- Test item 4 was carried out by SGS_CSTC Standards Technical Services Co., Ltd. Anji Branch(CNAS L4743, CMA 171120341434)

Original Sample Photo:



Sample 1

Sample 1



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1. Test Item: Abrasion Resistance

Sample Description: Rubber part

Test Method: DIN ISO 4649:2021

Test Condition:

Specimen thickness: 5.76mm

Vertical force: 10N

Abrasion distance: 40m

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

Test Result:

Test Item	Test Result
Relative Volume Loss	120mm ³

Note: Test specimens were cut from the sample.

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
DIN Abrasion Tester	GT-7012-D	POL-PL-E049	2023-01-10	2024-01-09



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2. Test Item: Tensile Test

Sample Description: Rubber part

Test Method: DIN 53504:2017

Test Condition:

Specimen: Type S2

Specimen thickness: 2.03mm

Testing speed:200mm/min

Gauge length: 20mm

Grip separation: 50mm

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

Test Result:

Test Item	Test Result
Tensile Strength	24.6MPa
Tensile Strain at Break	550%

Note: Test specimens were cut from the sample.

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Material Testing Machine	Z010	POL-PL-E005	2022-08-04	2023-08-03



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3. Test Item: Adhesion

Sample Description: Rubber part

Test Method: ISO 252:2023 Method A

Test Condition:

Specimen width: 25 mm

Testing speed: 100 mm/min

Number of Specimens tested: 1

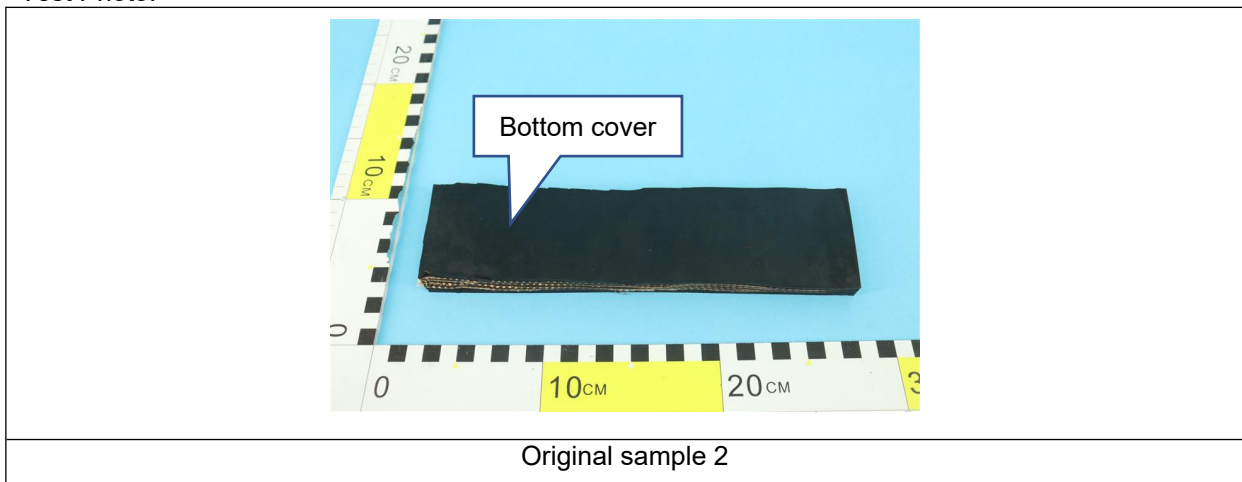
Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item		Test Result
Adhesion	Top cover to the first ply	7.2N/mm
	First ply to the second ply	7.7N/mm
	Second ply to the third ply	9.2N/mm
	Third ply to the fourth ply	7.5N/mm
	Bottom cover to the fourth ply	6.1N/mm

Note: Test specimens were cut from the sample.

Test Photo:



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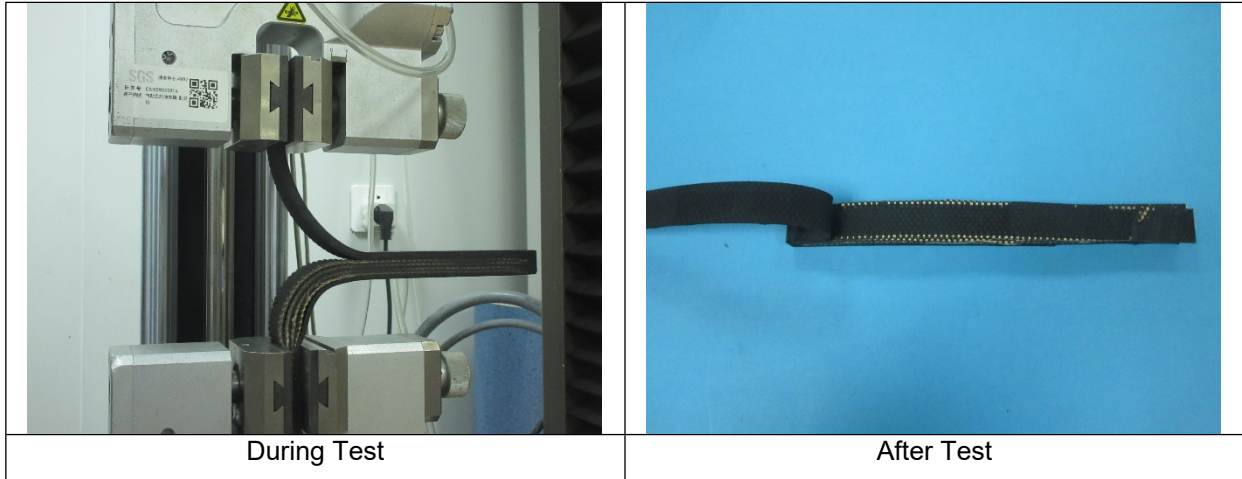
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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	Z010	GZMR-PL-E109	2023-04-20	2024-04-19

4. Test Item: Flammability Characteristics

Sample Description: Rubber part

Test Method: ISO 340:2013

Sample details

Sample description / Color	Rubber Conveyor Belt (provided by client) / Black
Specimen size	Length: 205mm; Width: 25mm; Thickness: 12.5mm

Conditioning:

Before the test, the specimens shall be conditioned to constant mass at a temperature of $(23 \pm 2) ^\circ\text{C}$ and a relative humidity of $(50 \pm 5) \%$ in accordance with ISO 18573.



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Test results:

Specimen with covers

Items	Longitudinal direction			Transverse direction		
	1	2	3	4	5	6
Weather the specimen continues to flame after removal of the burner	No	No	No	No	No	No
Afterflame time (s)	0	0	0	0	0	0
Total duration of afterflame for each of the series of six tests (s)	0					
Weather the flame re-appears	No	No	No	No	No	No
Duration of the re-flame (s)	0	0	0	0	0	0

Requirements:

1. Periods of afterflame (after removal of the burner)

The sum of the periods of flame for each of the series of six tests shall be less than 45 s and no individual value shall be greater than 15 s.

2. Non-reappearance of flame (after applying a current of air)

The flame shall not re-appear.

Statement: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

Conclusion: According to the test results, the Specimen with covers meets the requirements of ISO 340:2013.

Appendix information:

1. This Report supersedes the Report No. QDIN2306001207PL01, dated: 2023-07-24, issued by SGS, original report will be invalid from today.
2. The test report was updated manufacturer

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



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