

TEST REPORT

No. : NBIN2207009188PS

Date : Jul 29, 2022

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scan to see the report



NBIN2207009188PS

CUSTOMER NAME: ARPS(JIANGSU)CO.,LTD
ADDRESS: NO.111 AVIATION ROAD,HIGH-TECH ECONOMIC ZONE JIANHU
COUNTY,JIANGSU PROVINCE

Sample Name : POLYURETHANE

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. : NBML22000403
Date of Receipt : Jul 21, 2022
Testing Start Date : Jul 21, 2022
Testing End Date : Jul 29, 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 Co., Ltd Ningbo Branch

Edward Chen
Authorized signatory



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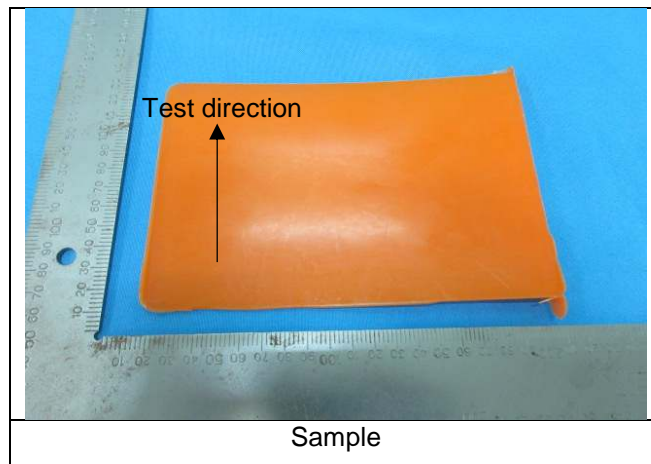
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Shore Hardness	ISO 868:2003	A/15: 96	/
2	Tear Strength	ISO 34-1:2015 Method B Procedure (a)	149kN/m	/
3	Abrasion Resistance by Rotating Cylindrical Drum	ISO 4649:2017 Method A	Relative Volume Loss	29.0mm ³

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

Original Sample Photo:



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1. Test Item: Shore Hardness

Sample Description: See Photo

Test Method: ISO 868:2003

Test Condition:

Specimen thickness: 4.24mm (2 layers plied up)

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

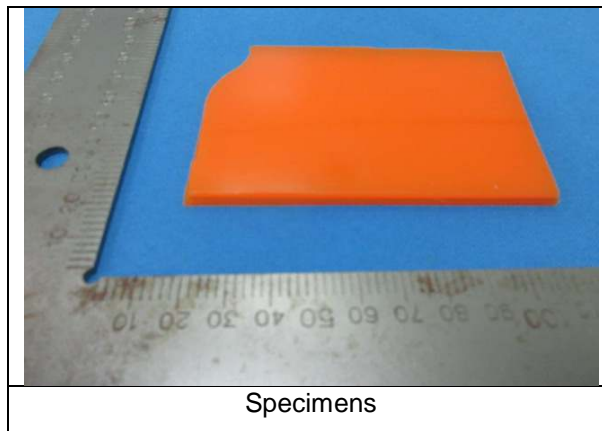
Test Result:

Test Item	Test Result
Shore Hardness	A/15:96

Note:

1. A/15:X Indicates that A is the type of durometer; 15 s is the reading time; X is the hardness value.
2. Test specimens were cut from the sample.

Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Shore Durometer A	TH200/0-100HA	NBPL-A027	2022-03-30	2023-03-29



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2. Test Item: Tear Strength

Sample Description: See Photo

Test Method: ISO 34-1:2015 Method B Procedure (a)

Test Condition:

Specimen thickness: 2.182 mm

Testing speed: 500 mm/min

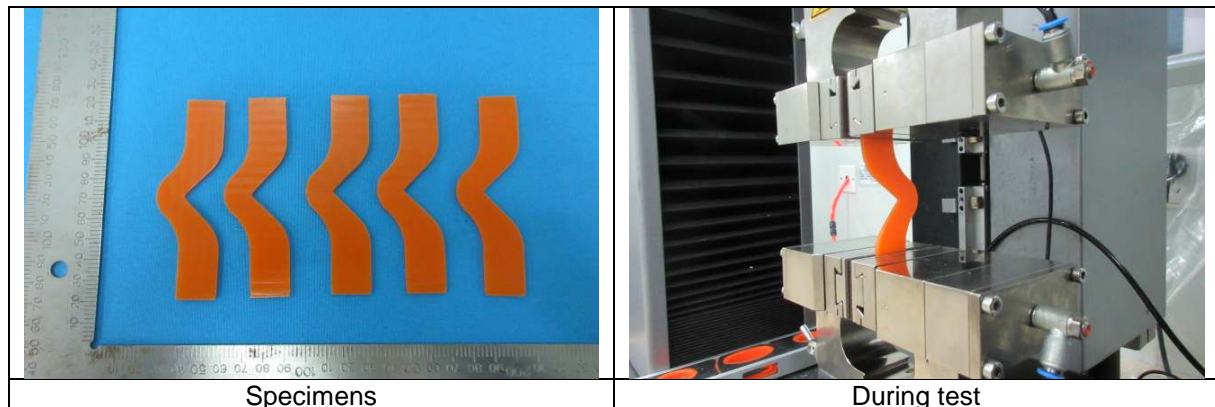
Lab Environmental Condition: 23 ± 2 °C, 50 ± 5 % RH

Test Result:

Test Item	Test Result
Tear Strength	149kN/m

Note: Test specimens were cut from the sample.

Test Photo:



Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Zwick Electronic Universal Material Testing Machine	Z010 TH Proline	NBPL-A025	2022-05-19	2023-05-18

Equipment Information:



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3. Test Item: Abrasion Resistance by Rotating Cylindrical Drum

Sample Description: See Photo

Test Method: ISO 4649:2017 Method A

Test Condition:

Specimen thickness: 1.94mm

Vertical force: 10 N

Abrasion distance: 40 m

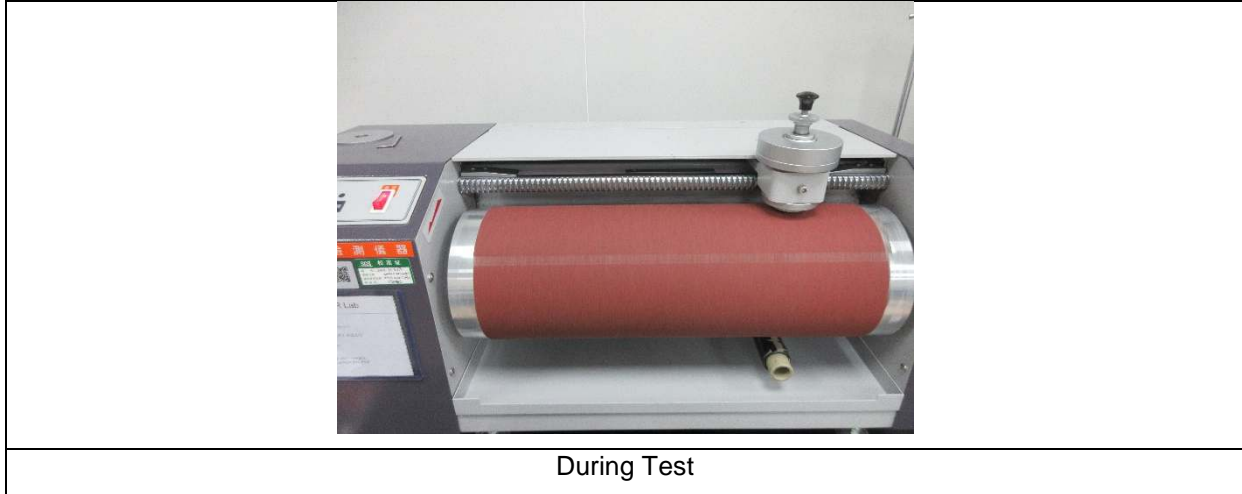
Lab Environment Condition: 23 ± 2 °C, 50 ± 5 % RH

Test Result:

Test Item	Test Result
Relative Volume Loss	29.0mm ³

Note: Test specimens were cut from the sample.

Test Photo:



During Test



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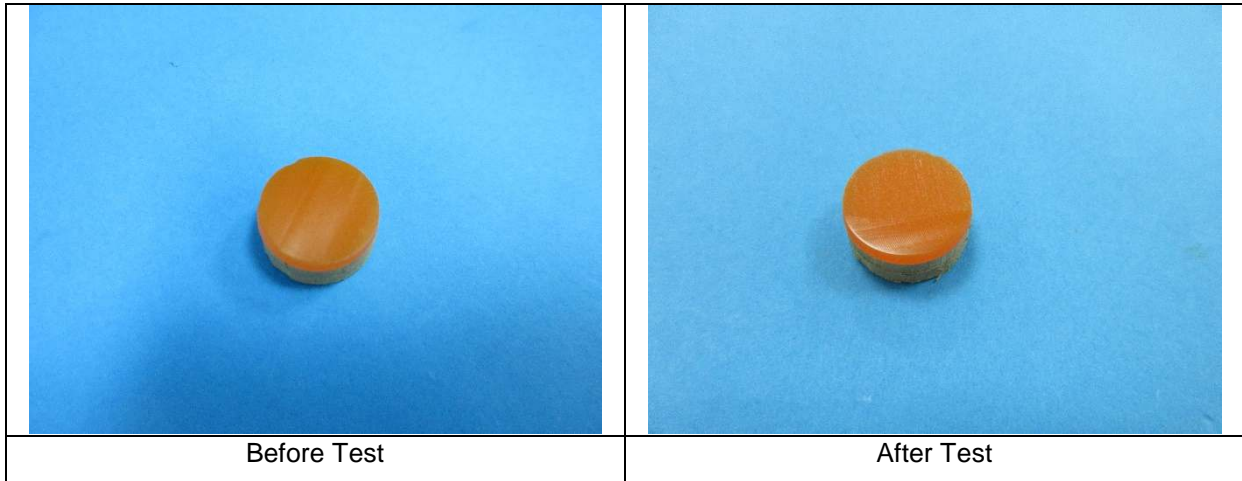
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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
DIN Abrasion Tester	GT-7012-D	GZMR-PL-E290	2022-05-24	2023-05-23
Electron Balance	XPE204	GZMR-PL-E004-06	2022-06-20	2023-06-19

- Test item3 was carried out by other SGS laboratory.
- 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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