



TEST REPORT

No. : QDIN2506001094PL01_EN

Date : 2025-06-17

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Sample Name : Ground Protection Mats

Product Specification : 38MM (Core thickness)

Manufacturer :

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.

Date of Receipt : 2025-06-03

Testing Period : 2025-06-03 ~ 2025-06-17

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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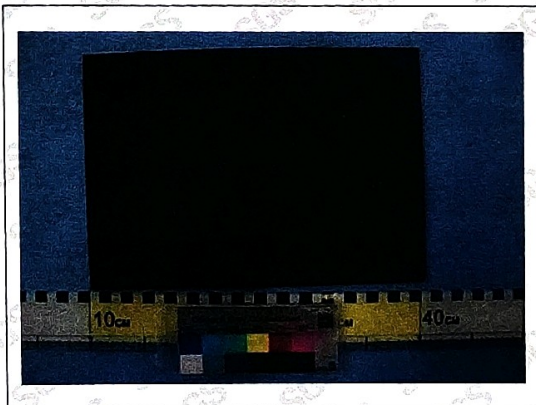
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Shore Hardness	ISO 868:2003	D/15:62	N/A
2	Compressive Test	ISO 604:2002	152MPa	N/A
3	Tensile Test	ISO 527-2:2012 & ISO 527-1:2019	See Result	N/A

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

Original Sample Photo:



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1. Test Item: Shore Hardness

Sample Description: Plastic part

Test Method: ISO 868:2003

Test Condition:

Specimen thickness: 4.20mm

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

Test Result:

Test Item	Test Result
Shore Hardness	D/15:62

Note:

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

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Shore Type D Hardness Meter	Asker D	POL-PL-E007	2024-11-29	2025-11-28

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2. Test Item: Compressive Test

Sample Description: Plastic part

Test Method: ISO 604:2002

Test Condition:

Specimen: Type B

Specimen thickness: 10.12mm×10.22mm×3.86mm

Testing speed: 2mm/min

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

Test Result:

Test Item	Test Result
Compressive Stress at 80% Strain	152MPa

Note: Test specimens were cut from the sample.

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Material Testing Machine	3367	POL-PL-E027	2025-05-20	2026-05-19

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3. Test Item: Tensile Test

Sample Description: Plastic part

Test Method: ISO 527-2:2012 & ISO 527-1:2019

Test Condition:

Specimen: Type 1B

Specimen thickness: 3.83mm

Testing speed: 1mm/min for Tensile Modulus; 5mm/min for Tensile Test

Gage Length : 50mm

Grip separation: 115mm

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

Test Result:

Test Item	Test Result
Tensile Stress	18.9MPa
Nominal Strain at Break	20%
Tensile Modulus	945MPa

Note: Test specimens were cut from the sample.

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Material Testing Machine	3367	POL-PL-E027	2025-05-20	2026-05-19

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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