



# TEST REPORT

No. : GZIN1905022411MR

Date : May 27, 2019

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GZIN1905022411MR

CUSTOMER NAME:

ADDRESS:

Sample Name : EXTRUDED GROUND MATS

Product Specification : 12.7MM

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. : QDIN1905002213PS

Date of Receipt : May 08, 2019

Testing Start Date : May 08, 2019

Testing End Date : May 27, 2019

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

May Huo  
Authorized signatory

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GZMR 294563

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## TEST REPORT

No. : GZIN1905022411MR

Date : May 27, 2019

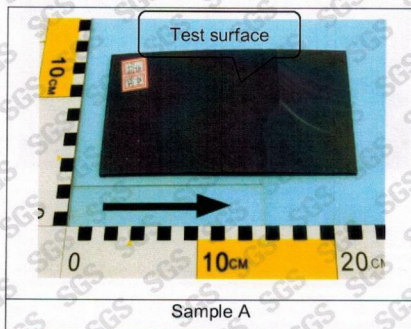
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### Summary of Results:

No.	Test Item	Test Method	Result	Conclusion	
1	Compressive stress at 40% strain	ISO 604:2002	56.9MPa	/	
2	Shore Hardness	ISO 868:2003	D/15:59	/	
3	Tensile Modulus	ISO 527-1:2012 & ISO 527-2:2012	878MPa	/	
4	Tensile Test	ISO 527-1:2012 & ISO 527-2:2012	Tensile Strength	16.3MPa	/
			Nominal Tensile Strain at Break	7.2%	

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: Compressive stress at 40% strain

Sample Description: Plastic part

Test Method: ISO 604:2002

Test Condition:

Specimen: 4.32mm×11.02mm×11.12mm

Testing speed: 2.2mm/min

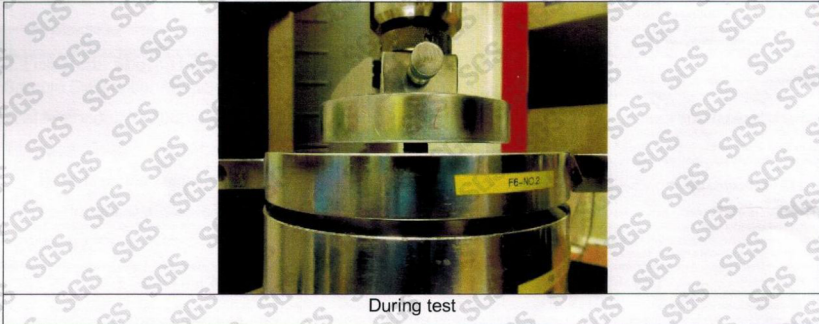
Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item	Test Result
Compressive stress at 40% strain	56.9MPa

Note: Test specimens were cut from the sample.

Test Photo:



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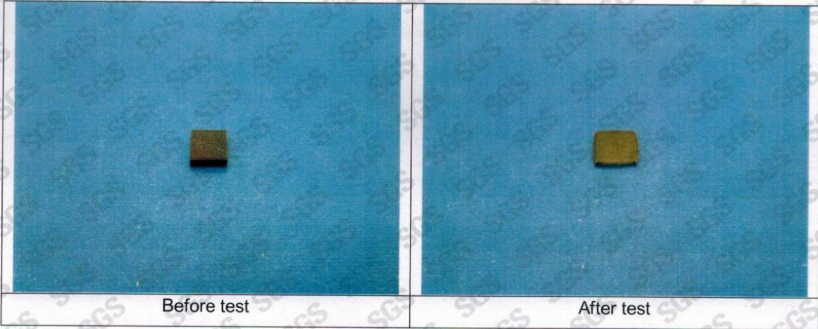


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### Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	Z020	GZMR-PL-E264	2018-10-18	2019-09-27

2. Test Item: Shore Hardness

Sample Description: Plastic part

Test Method: ISO 868:2003

Test Condition:

Specimen thickness: 4.36mm

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

Test Result:

Test Item	Test Result
Shore Hardness	D/15:59

Note:

D/15:X Indicates that D is the type of durometer; 15 s is the reading time; X is the hardness value.

2. Test specimens were cut from the sample.

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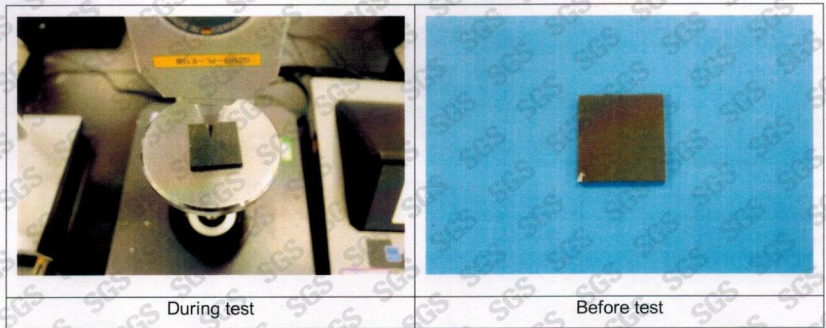
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Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Multifunction Hardness Tester	Digitest II	GZMR-PL-E156	2018-05-28	2019-05-27

3. Test Item: Tensile Modulus

Sample Description: Plastic part

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

Test Condition:

- Specimen: Type 1B
- Specimen thickness: 4.34mm
- Testing speed: 1mm/min
- Gauge length: 50mm
- Initial distance between grips: 115mm

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

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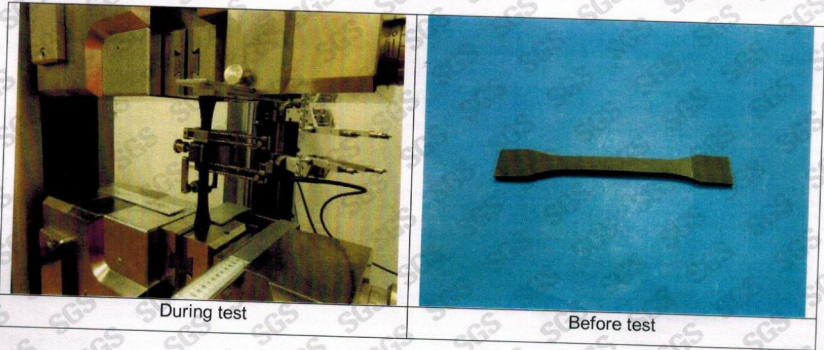
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Test Result:

Test Item	Test Result
Tensile Modulus	878MPa

Note: Test specimens were cut from the sample.

Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	Z030	GZMR-PL-E140	2018-09-18	2019-09-17

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4. Test Item: Tensile Test

Sample Description: Plastic part

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

Test Condition:

Specimen: Type 1B

Specimen thickness: 4.32mm

Testing speed: 5mm/min

Gauge length: 50mm

Initial distance between grips: 115mm

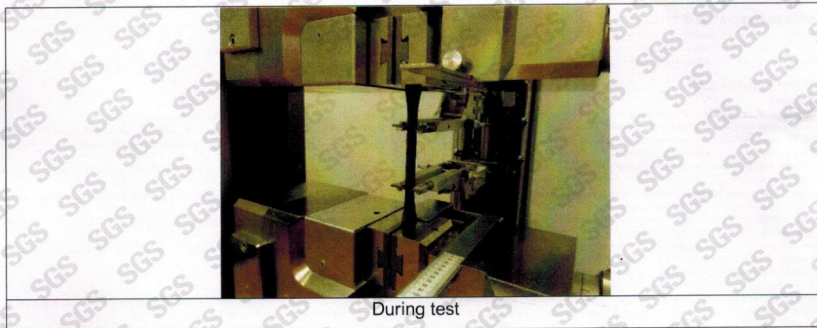
Lab Environmental Condition: (23 ± 2)°C, (50 ± 5)%RH

Test Result:

Test Item	Test Result
Tensile Strength	16.3MPa
Nominal Tensile Strain at Break	7.2%

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	Z030	GZMR-PL-E140	2018-09-18	2019-09-17

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

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