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Technical Report No. 70.300.23.20559.01-00

Rev. 00

Dated 2023-12-26

Client: Wenzhou Dream Garden Amusement Equipment Co.,Ltd
Room 803-1, Building 1, Canghe Jinyuan,
Yongqiangdadao, Yongzhong Street,Longwan District,
Wenzhou , Zhejiang

Manufacturing place: Same as above

Test subject: Product: Fabric of trampoline mat
Type: Black trampoline fabric

Test specification: UV test (1000h) according to EN ISO 4892-3:2016
Tensile properties test according to EN ISO 13934-1:2013

Purpose of examination: Test according to the test specification.

Test result: The result of the submitted sample is **PASS**.

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1 Description of the test subject

1.1 Function

Manufacturer's specification for intended use:
Fabric of trampoline's mat.

1.2 Consideration of the foreseeable misuse

- ☒ Not applicable
- ☐ Covered through the applied standard
- ☐ Covered by the following comment
- ☐ Covered by attached risk analysis

2 Order

2.1 Date of Purchase Order, Customer's Reference

2023-11-13, Mr.Stefan Zhang

2.2 Receipt of Test Sample, Location

2023-11-13, 1 pcs per type, No. 1999 Duhui Road, Shanghai, P. R. China

2.3 Date of Testing

2023-11-13 to 2023-12-26

2.4 Location of Testing

No. 1999, Du Hui Road, Shanghai, P. R. China

2.5 Points of Non-compliance or Exceptions of the Test Procedure

None



3 Test Results

UV Test (1000h) EN ISO 4892-3:2016 Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps EN ISO 13934-1:2013 Textiles — Tensile properties of Fabrics Part 1: Determination of maximum force and elongation at maximum force using the strip method.	
Sample:	Fabric of trampoline mat

EN ISO 4892-3:2016				
Cycle	Lamp type	Irradiance	Temperature	Relative humidity
8h dry	UVA-340	0.76W/m ²	60°C ± 3°C	Not controlled
4h condensation	—	Light off	50°C ± 3°C	Not controlled

EN ISO 13934-1:2013			
Gauge length	100 mm	Pretension	5N
Strip width	50mm	GRE rates of extension	100mm/min

Fabric of trampoline mat		Average (5 pieces)
Original sample	Warp	2402N
	Weft	1999N
Residual after 1000h UV Exposure	Warp	2608N
	Weft	2175N
Residual percentage	Warp	108.6%
	Weft	108.8%
Requirement	Wrap & Weft	The residual percentage shall be ≥ 80%.
Verdict	Wrap & Weft	Pass

4 Documentation



Warp direction



Weft direction

5 Summary

The test specification is met.

Hardlines-MES

TÜV SÜD Certification and Testing (China) Co., Ltd.

Shanghai Branch

Prepared by: 2023. 12. 26
Qi LIU



Reviewed by: 2023. 12. 26
Ning ZHU