

## Test Report

Report No.: AJFS2304002821FF

Date: APR.20, 2023

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HANGZHOU ZHONGZHI INDUSTRY CO., LTD

20TH FLOOR, TELLHOW DOBE EASY PARK, BUILDING 4, NO.332 QIUTAO NORTH ROAD,  
SHANGCHENG DISTRICT, HANGZHOU CITY, ZHEJIANG PROVINCE

**Sample Description:** FLAME RETARDANT CLOTH

**SGS Ref No.:** SHHL2304015714SD

**Style/Item No.:** /

The above sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

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### **Test Requested:**

16 CFR Part 1610 Standard for the flammability of clothing textiles.

**Test Results:** -- See attached sheet --

### **Test Period:**

Sample Receiving Date : APR.14, 2023

Test Performing Date : APR.14, 2023 TO APR.19, 2023

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch

Echo

Echo Li

Approved Signatory

scan to see the report



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SGS-CSTC Standards Technical Services Co., Ltd.  
Anji Branch Fire Technology Service

No. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgs.com.cn  
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 5018825 f (86-572) 5018829 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

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## I. Test Conducted

The test was conducted in accordance with 16 CFR Part 1610 Standard for the flammability of clothing textiles.

## II. Test Specimen

Description / Color	Fabric / Multi
Fabric type	[ <input checked="" type="checkbox"/> ] Plain surface textile fabric; [ <input type="checkbox"/> ] Raised surface textile fabric
Area density	471 g/m <sup>2</sup>
Size of specimen	150 mm × 50 mm

**Conditioning:** All specimens mounted in the holders were placed in a horizontal position on an open metal shelf in the oven to permit free circulation of air around them. The specimens were dried in the oven for 30 minutes at 105±3 °C (221±5 °F), removed from the oven and placed over a bed of anhydrous silica gel desiccant in a desiccator until cool, but not less than 15 minutes.

## III. Test Result

Original state					
Specimen No.	Burn time, (s)	Burn Code	Specimen No.	Burn time, (s)	Burn Code
1	NA	DNI	6	--	--
2	NA	DNI	7	--	--
3	NA	DNI	8	--	--
4	NA	DNI	9	--	--
5	NA	DNI	10	--	--
Average	NA				
Classification	Class 1				



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After refurbishing					
Specimen No.	Burn time, (s)	Burn Code	Specimen No.	Burn time, (s)	Burn Code
1	NA	DNI	6	--	--
2	NA	DNI	7	--	--
3	NA	DNI	8	--	--
4	NA	DNI	9	--	--
5	NA	DNI	10	--	--
Average	NA				
Classification	Class 1				

**Final Classification:** [ ☒ ] Class 1; [ ☐ ] Class 2; [ ☐ ] Class 3

**Remark:** DNI-Did not ignite, NA-Not applicable

## Burn Code Description:

DNI	Did not ignite (no time)
IBE	Ignited, but extinguished (no time)
__ sec	Actual burn time measured and recorded by the timing device in 0.0 seconds

## Summary of test criteria for specimen classification

Class	Plain surface textile fabric	Raised surface textile fabric
Class 1	Burn time is 3.5 s or more. ACCEPTABLE (3.5 s is a pass).	Burn time is greater than 7.0 s; or Burn time is 0-7 s with no base burns. Exhibits rapid surface flash only. ACCEPTABLE.
Class 2	Class 2 is not applicable to plain surface textile fabrics.	Burn time is 4-7 s with base burn. ACCEPTABLE
Class 3	Burn time is less than 3.5 s. NOT ACCEPTABLE.	Burn time is less than 4.0 s with base burn. NOT ACCEPTABLE.

## 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.



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### Photo Appendix:



SGS authenticate the photo on original report only

\*\*\*End of Report\*\*\*