

## Test Report

No. AJFS2104003643FF

Date: JUL.09, 2021

Page 1 of 4

## RSP EXPORTS LIMITED

301, 3<sup>RD</sup> FLOOR, KAM ON BUILDING 178A QUEEN'S ROAD "C" CENTRAL, HONG KONG**Sample Description:** OFFICE CHAIR PU**SGS Ref No.:** AJHL2104001242OT**Style/Item No.:** 6950BLK, 6951BLK, 6959BLK, 6949BLK, 6973**P.O. / Ref No.:** BATCH: 6018, 6033, 6050, 6069, 6082**Supplier Name:** RSP EXPORTS LIMITED**Buyer Name:** TEKNIK OFFICE LIMITED

WEST ONE 63-67, BROMHAM ROAD, BEDFORD, MK40 2FG, UNITED KINGDOM

**Manufacturer Name:** ZHEJIANG BOTAI FURNITURE CO., LTD**Country of Origin:** CHINA**Country of Destination:** UK

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:**

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No.1324 (amended 1989,1993 and 2010), Schedule 4, Part I, Cigarette test for cover fabrics and Schedule 5, Part I, Match test for cover fabrics.

As specified in above standard(s) and incorporated with using ignition source 0 and 1 of BS 5852: Part 1:1979.

**Test Results:** -- See attached sheet --**Conclusion:** The tested sample **Meets** the Requirements of Schedule 4 Part I and Schedule 5 Part I In

Statutory Instrument 1988 No.1324 (Amended 1989,1993 and 2010) the Furniture and Furnishings (Fire) (Safety) Regulations.

**Test Period:**

Sample Receiving Date : JUN.30, 2021

Test Performing Date : JUN.30, 2021 TO JUL.06, 2021

Signed for and on behalf of

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



 Allen Zou  
 Approved Signatory

Scan to see the report



NPS2104003643FF



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**Test Conducted**

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (amended 1989, 1993 and 2010), Schedule 4 Part I and Schedule 5 Part I, Cigarette test and Match test for cover fabric.

Smouldering Cigarette (ignition source 0) and Match Ignition (ignition source 1) of BS 5852:1979 Part 1.

**Conditioning**

Prior to testing the sample was,

Cleansed using a water-soak procedure at  $40 \pm 1^\circ\text{C}$  as described in BS 5651:1978 and modified by this Regulations 1988 S.I. No. 1324 (amended 1989, 1993 and 2010) Schedule 4 Part I and Schedule 5 Part I.

And then dried and conditioned at least 72 h in indoor ambient conditions and 16 h in an atmosphere having a temperature of  $20 \pm 5^\circ\text{C}$  and a relative humidity of  $50 \pm 20\%$ .

At time of testing: Temperature between  $15^\circ\text{C} \sim 30^\circ\text{C}$  and Relative humidity between  $20\% \sim 70\%$ .

**Test results**

The following test results relate only to the ignitability of the combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

(A) Smouldering cigarette test criteria (BS 5852 Part 1:1979)	1 <sup>st</sup>	2 <sup>nd</sup>
Clause 9.2.3 Whether the evidence of progressive smouldering or flaming is observed in the interior and/or cover	NO	NO
Clause 9.2.4 Whether progressive smouldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	NO	NO
Clause 9.2.5 Whether progressive smouldering is observed on final examination when dismantle assembly and examine internally	NO	NO
(B) Butane flame test criteria (BS 5852 Part 1:1979)	1 <sup>st</sup>	2 <sup>nd</sup>
Clause 9.3.4 Whether the evidence of flaming or progressive smouldering in the interior and/or cover is observed beyond 120s of the removal of the burner tube	NO	NO
Clause 9.4 On final examination whether progressive smouldering is observed when dismantle assembly and examine internally	NO	NO

To be continued....



### Test Details

Cigarette Test			
Specimen No.		1 <sup>st</sup>	2 <sup>nd</sup>
Progressive smouldering (PS) or Flaming (F)		NO	NO
Duration of	Ignition source (min, sec)	4min17s*	4min40s*
	Flames (min, sec)	0s	0s
	Smoke (min, sec)	4min30s	4min48s
Final examination of progressive smouldering (9.4)		NO	NO
Reason for failure (Ref to failure code)		--	--
Comments & observations		--	--
Overall Result		PASS	PASS

\*--The cigarette self-extinguished

Match Test			
Specimen No.		1 <sup>st</sup>	2 <sup>nd</sup>
Progressive smouldering (PS) or Flaming (F)		NO	NO
Duration of	Ignition source (19-21 sec)	20s	20s
	After flames (min, sec)	17s	8s
	Smoke (min, sec)	61s	59s
Final examination of progressive smouldering (9.4)		NO	NO
Reason for failure (Ref to failure code)		--	--
Comments & observations		--	--
Overall Result		PASS	PASS

Remark: The submitted sample was tested in combination with standard worst case scenario non-flame retardant conventional polyurethane foam as specified in the Regulations.

### Statements:

The declaration of conformity is based on non-binary acceptance decision rules with guard band, and the guard band length parameter is 0.

To be continued....



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No. AJFS2104003643FF

Date: JUL.09, 2021

Page 4 of 4

Photo Appendix:

Details of sample:

Color: Black

This PU sample of approximate density of 422 g/m<sup>2</sup>.



SGS authenticate the photo on original report only

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



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