

## Test Report

No. AJHL1609010272FB

Date: SEP.28, 2016

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WUJIANG SARYTEX CO LTD.

2/F,NO.3368, YUANQU ROAD,SHENGZE TOWN,SUZHOU-215228,CHINA

The following sample(s) was / were submitted and identified on behalf of the client as:

**Sample Description:** Polyester FR fabric

**Color:** Black

**Density:** 48\*33

**Style/Item No.:** DA1475/2

**Composition:** 100%Polyester

**Manufacturer:** Wujiang Sarytex Co Ltd

**End Use Application:** Furniture Fabric

### 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.

The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No.1324 (amended 1989, 1993 and 2010), 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 but **does not meet** the requirement of 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 : SEP.21, 2016

Test Performing Date : SEP.21, 2016 TO SEP.27, 2016

Signed for and on behalf of  
SGS-CSTC Co., Ltd. Anji Branch



Allen Zou  
Technical Manager



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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**

As per client's requirement, the cleansed using a water-soak procedure at 40±1°C as described in BS 5651:1978 was not conducted.

And the sample was conditioned at least 72 h in indoor ambient conditions and 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%.

At time of testing: Temperature between 15°C ~ 30°C and Relative humidity between 20% ~ 70%

**Test results**

The following test results 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	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	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	YES	NC
Clause 9.4 On final examination whether progressive smouldering is observed when dismantle assembly and examine internally	NA	NC

To be continued...



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**Test Details**

<b>Cigarette Test</b>			
<b>Specimen No.</b>		1 <sup>st</sup>	2 <sup>nd</sup>
Progressive smouldering (PS) or Flaming (F)		NO	NO
Duration of	Ignition source (min, sec)	21min55s	21min36s
	Flames (min, sec)	0s	0s
	Smoke (min, sec)	22min01s	21min39s
Final examination of progressive smouldering (9.4)		NO	NO
Reason for failure (Ref to failure code)		--	--
Comments & observations		--	--
Overall Result		PASS	PASS

<b>Match Test</b>			
<b>Specimen No.</b>		1 <sup>st</sup>	2 <sup>nd</sup>
Progressive smouldering (PS) or Flaming (F)		F	NC
Duration of	Ignition source (19-21 sec)	20s	NC
	Flames (min, sec)	2min56s <sup>#</sup>	NC
	Smoke (min, sec)	3min47s	NC
Final examination of progressive smouldering (9.4)		NA	NC
Reason for failure (Ref to failure code)		After flame time is more than 120s	NC
Comments & observations		Flaming ignition	NC
Overall Result		FAIL	NC

**Remark:** NA---Not Applicable; NC---Not Conduct; <sup>#</sup>---Forcibly extinguished

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

To be continued....



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### Photo Appendix:

Details of sample:

Color: Black

This polyester FR fabric sample of approximate density of 289 g/m<sup>2</sup>.



SGS authenticate the photo on original report only

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



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