

Test Report No.: 0164019669b 001

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Client: **Songlin Furniture Co., Ltd.**
B Block, Jinli Industrial Zone, Sanxing Road, Saliang Village, Sanjiao Town,
Zhongshan City, Guangdong Prov., P.R.China 528400

Sample Description As Declared :

No. of Sample : ONE
Fibre Content : -
Material : Raw material
Finishing : -
End Uses : -
Colour : -
Style No. : SL-D2, 6840306
Style Name# : DESIGNER CHAIR BLACK REALSPACE MID BACK TAHARI UK
FIRE RETARDANT

Order No./PO No. : -
Standard : -
Buyer's Name : -
Manufacturer's Name : -
Ref. : -

Applicant's Provided -
Care Instruction/Label :

Sample Receiving date: 2014-08-12**Testing period:** 2014-08-12 to 2013-08-19

For and on behalf of
TÜV Rheinland (Shenzhen) Co., Ltd.



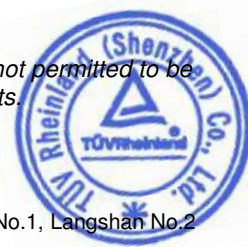
2014-08-26

Date

Ivy Peng / Lab Supervisor

Name/Position

*Test result is drawn according to the kind and extent of tests performed.
This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be
duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.*



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Conclusion

	M005
Color Fastness To Light	P
Colour Fastness To Water	P
Colour Fastness to Washing	P
Colour Fastness To Rubbing	P
Tensile Strength - Grap Test	P
Tearing Strength (CRE Type)	P
Fabric Weight	#

Note : P = Pass

= No Comment

N/A = Not Applicable

F = Fail

- = Did Not Perform

* = See Remark



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Material list

Material No.	Material	Color	Location
M005	Textile	Black	Seat/backrest/backside of backrest

1. Color Fastness To Light

Test method : ISO 105-B02:2013, Method 2

	<u>M005</u>	<u>Requirement</u>
Color change	Above Grade 4	Grade 4

2. Colour Fastness To Water

Test method : ISO 105-E01:2013

	<u>M005</u>	<u>Requirement</u>
Colour change	Grade 4-5	≥ Grade 4
Colour staining		
- Acetate	Grade 4	
- Cotton	Grade 4-5	
- Polyamide	Grade 4	≥ Grade 3
- Polyester	Grade 4-5	
- Acrylic	Grade 4-5	
- Wool	Grade 4-5	



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3. Colour Fastness to Washing

Test method : ISO 105-C06:2010

Test conditions : A2S, 30 min mechanical wash at 40°C in 0.4% ECE Reference Detergent
With Phosphates and 0.1% Sodium Perborate with 10 steel balls

		<u>Requirement</u>
Material No.	M005	
Colour change	Grade 4-5	Grade 4
Colour staining		
- Acetate	Grade 4	
- Cotton	Grade 4-5	
- Polyamide	Grade 4	
- Polyester	Grade 4	Grade3
- Acrylic	Grade 4-5	
- Wool	Grade 4-5	

4. Colour Fastness To Rubbing

Test method : ISO 105-X12:2001

	<u>M005</u>	<u>Requirement</u>
<u>Dry (10cycles)</u>		
- length	Grade 4-5	≥ Grade 4
- width	Grade 4-5	
<u>Wet (10cycles)</u>		
- length	Grade 4-5	≥ Grade 3
- width	Grade 4-5	

Remark: N/A = Not applicable due to limited sample dimension

5. Tensile Strength - Grap Test

Test method : ISO 13934-2:2014

	<u>M005</u>	<u>Requirement</u>
Length(lbs/in)	51	≥ 50
Width (lbs/in)	103	≥ 50



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6.Tearing Strength (CRE Type)

Test method : ISO 13937-3:2000 modified

	<u>M005</u>	<u>Requirement</u>
Length (lbs)	9.3	≥ 1.5
Width (lbs)	7.6	≥ 1.5

7.Fabric Weight

Test method : EN 12127:1997

	<u>M005</u>
Fabric mass(g/m ²)	232.4



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Sample Photo:

Material No.5



- END -

