



Test Report No. 68.162.13.00937.01R1
Dated 2013-07-02

Applicant : Weber-Stephen Products LLC Shenzhen R.O.
Address : Unit C&D, 27/F, Tower A, Honglong Century Plaza, No.4002,
Shennan East Road, Luohu District, Shenzhen
Attention : Jude Xu
Sample Receive Date : 2013-05-14; 2013-06-04; 2013-06-24
Test Period : From 2013-05-14 to 2013-05-21;
From 2013-06-04 to 2013-06-11;
From 2013-06-24 to 2013-07-01
Sample Description : Mitt W/ KETTLE WO 14, Item #:6472, 6490
Fibre Content : Shell:black100% cotton,
interior:red/100% polyester,
gusset:red/96% cotton
Style No. / Name : 40301200
Color : Black shell ,red interior
Product Type / End Use : Barbecue Mitt
Manufacturer / Supplier : Dongguan yuda garment factory
Buyer : Weber-Stephen Products LLC
Country of Origin : China
Exported to : USA, EUR

Note:

- 1. The submitted samples are Not Drawn by the Laboratory.*
 - 2. The test item and sample were specified by the client.*
 - 3. The conclusion was drawn according to the client's specification.*
 - 4. The report supersedes TUV SUD Report 68.162.13.00937.01 dated 2013-07-01*
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Note: (1) The results relate only to the items tested, (2) The test report shall not be reproduced except in full without the written approval of the laboratory.

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Dated 2013-07-02

Conclusion According To Client's Specification:

SN	Test Item	Conclusion	Failed Component	Failed Result
1	Fiber Analysis	Report As Is	-	-
2	pH Value	Pass	-	-
3	Formaldehyde Content	Pass	-	-
4	AZO Dyes Contact	Pass	-	-
5	Colour Fastness To Washing	Pass	-	-
6	Colour Fastness To Rubbing	Pass	-	-
7	Colour Fastness To Light	Pass	-	-

Jiangsu TÜV Product Service Ltd. Shenzhen Branch
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 Prepared by

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 Project Coordinator



Reviewed by

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 Bailey Liu
 Project Manager

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Dated 2013-07-02



1. TESTED SUBJECT DESCRIPTION

Tested Material Description 测试点描述		Photos
001	Black cotton fabric (shell)	A photograph of a black work glove with a red logo on the back of the hand, placed on a blue surface next to a wooden ruler for scale.
002	Red polyester fabric (interior)	
003	Red cotton blend fabric (gusset)	
004	White cotton padding (interlining)	
005	Black Mitt	





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2. TEST RESULT

2.1. FIBER ANALYSIS Test method: With reference to AATCC 20A:2010				
TEST ITEM	RESULTS (mg/kg)			
	<u>SAMPLE (001*)</u>	<u>SAMPLE (002)</u>	<u>SAMPLE (003)</u>	<u>SAMPLE (004#)</u>
Fiber Analysis	Cotton:100%	Polyester:100%	Cotton:97.0% Spandex:3.0%	Cotton:84.7% Rayen:10.0% Polyester:5.3%
Note: <ul style="list-style-type: none">- “%” denotes percent by weight- “*” denoted the above result is exclusive of decoration- “#” sample contains trace amount of acrylic				

2.2. pH VALUE – FOR TEXTILE Test method: With reference to ISO 3071:2005 and analyzed by pH meter.				
TEST ITEM	RESULTS			REQUIREMENT
	<u>SAMPLE (001)</u>	<u>SAMPLE (002)</u>	<u>SAMPLE (003)</u>	
pH Value	6.0	5.9	5.1	4.0-7.5

2.3. FORMALDEHYDE CONTENT – FOR TEXTILE Test method: With reference to JIS L 1041:2011 and analyzed by UV-Vis spectrophotometer. [Reporting limit: 20mg/kg]				
TEST ITEM	RESULTS (mg/kg)			LIMIT (mg/kg)
	<u>SAMPLE (001)</u>	<u>SAMPLE (002)</u>	<u>SAMPLE (003)</u>	
Formaldehyde	<20	<20	<20	75
Note: <ul style="list-style-type: none">- “mg/kg” denotes milligram per kilogram- “<” denotes less than				



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Dated 2013-07-02

TEST ITEM	RESULTS (mg/kg)			LIMIT (mg/kg)
	SAMPLE (001)	SAMPLE (002)	SAMPLE (003)	
4-aminobiphenyl	<5.0	<5.0	<5.0	<30
Benzidine	<5.0	<5.0	<5.0	<30
4-chloro-o-toluidine	<5.0	<5.0	<5.0	<30
2-naphthylamine	<5.0	<5.0	<5.0	<30
o-aminoazotoluene	<5.0	<5.0	<5.0	<30
5-nitro-o-toluidine	<5.0	<5.0	<5.0	<30
4-chloroaniline	<5.0	<5.0	<5.0	<30
2,4-diaminoanisole	<5.0	<5.0	<5.0	<30
4,4'-diaminodiphenylmethane	<5.0	<5.0	<5.0	<30
3,3'-dichlorobenzidine	<5.0	<5.0	<5.0	<30
3,3'-dimethoxybenzidine	<5.0	<5.0	<5.0	<30
3,3'-dimethylbenzidine	<5.0	<5.0	<5.0	<30
4,4'-methylenedi-o-toluidine	<5.0	<5.0	<5.0	<30
p-cresidine	<5.0	<5.0	<5.0	<30
4,4'-methylene-bis-(2-chloro-aniline)	<5.0	<5.0	<5.0	<30
4,4'-oxydianiline	<5.0	<5.0	<5.0	<30
4,4'-thiodianiline	<5.0	<5.0	<5.0	<30
o-toluidine	<5.0	<5.0	<5.0	<30
2,4-toluenediamine	<5.0	<5.0	<5.0	<30
2,4,5-trimethylaniline	<5.0	<5.0	<5.0	<30
2-methoxyaniline	<5.0	<5.0	<5.0	<30
2,4-xylidine	<5.0	<5.0	<5.0	<30
2,6-xylidine	<5.0	<5.0	<5.0	<30
4-aminoazobenzene	<5.0	<5.0	<5.0	<30
Test method	EN14362-1	EN14362-1	EN14362-1	-
Note:				
	-	"mg/kg" denotes milligram per kilogram		
	-	"<" denotes less than		



Test Report No. 68.162.13.00937.01R1
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2.5. COLOUR FASTNESS TO WASHING: Test Method AATCC 61-2010					
TEST ITEM		RESULTS(Class)			Client Specification (Class)
		Sample (001)	Sample (002)	Sample (003)	
Colour Change		4.5	4-5	4.5	4
Colour Staining	Acetate	4.5	4.5	4.5	4
	Cotton	4.5	4.5	4.5	
	Nylon	4.5	4.5	4.0	
	Polyester	4.5	4.5	4.5	
	Acrylic	4.5	4.5	4.5	
	Wool	4.5	4.5	4.5	
Notes: - Explanation for grade Class 5 = Equal Class 4 = Slight Change and Staining Class 3 = Noticeable Change and Staining Class 2 = Considerable Change and Staining Class 1 = Much Change and Staining					

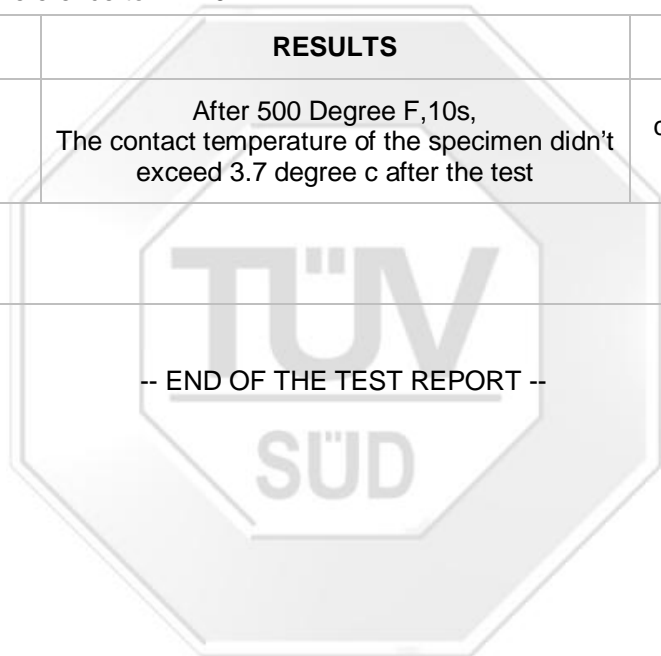
2.6. COLOUR FASTNESS TO RUBBING : Test Method AATCC 116:2010					
TEST ITEM		RESULTS(Class)			Client Specification (Class)
		Sample (001)	Sample (002)	Sample (003)	
Colour Staining	Dry	4.5	4.5	4-5	4
	Wet	4.0	4.5	3.0	3-3.5
Notes: - Explanation for grade Class 5 = Equal Class 4 = Slight Change and Staining Class 3 = Noticeable Change and Staining Class 2 = Considerable Change and Staining Class 1 = Much Change and Staining					



Test Report No. 68.162.13.00937.01R1
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2.7.	COLOUR FASTNESS TO LIGHT:				
.	Test method: With reference to AATCC 16 Option 3:2004				
	TEST ITEM	RESULTS(Class)			Client Specification (Class)
		<u>Sample (001)</u>	<u>Sample (002)</u>	<u>Sample (003)</u>	
	Colour Change	4.0	4.5	4.5	3.5
	Notes: - Explanation for grade Class 5 = Equal Class 4 = Slight Change and Staining Class 3 = Noticeable Change and Staining Class 2 = Considerable Change and Staining Class 1 = Much Change and Staining				

2.8.	CONTACT HEAT RESISTANCE	
	Test method: With reference to EN 702	
	TEST ITEM	RESULTS
	<u>SAMPLE (005)</u>	After 500 Degree F,10s, The contact temperature of the specimen didn't exceed 3.7 degree c after the test
		500 Degree F,10s, the contact temperature of the specimen cannot exceed 10 degree C



-- END OF THE TEST REPORT --