

Sample Photo



TEST REPORT

检测检验报告

Number: GZHT02281942
报告号

Applicant:
委托单位:
Address:
地址:

Date: Apr 21, 2020
日期:

Attn:
联系人

Sample Description:

Two (2) Groups Of Submitted Samples Said To Be Knitted Makmask Fabric Mask, Marked As Following:

(A) White With Black Dot Print

(B) White.

样品描述 样品数量: 2 组
样品规格: 客户认定为针织口罩, 标识如下:
(A) 白色带黑点印花
(B) 白色。

Applicant's Provided Care Instruction/Label: -
申请人所提供之水洗标签

Date Received : 2020-04-16

接收日期

Date Tests Started : 2020-04-16

测试开始日期

批准
Approved by

高级经理

副总经理

LUCY/junezhu



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Order No. : -
订单号
Style No. : -
款号
Season : -
季节
Buyer's Name : -
买家
Brand Name : Makmask
品牌
Vendor's Name : LEAD RETAIL CONSULTANT LIMITED
贸易商
Manufacturer's Name : -
生产商
Document Accordance : FZ/T 73049-2014《针织口罩》合格品
判定依据 GB 18401-2010《国家纺织产品基本安全技术规范》
B类 直接接触皮肤的纺织产品
Remark : 是否为“灭菌”或“无菌”产品: 否
备注

批准
Approved by

刘慧刚

高级经理

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Conclusion:
结论

	(A)	(B)
Fibre Analysis(纤维成分定性分析/定量分析)	*1	*1
Formaldehyde Content(甲醛含量)	M	M
pH Value(pH 值)	M	M
Presence Of Odor(异味测试)	M	M
Colour Fastness To Washing(耐洗色牢度)	M	-
Colour Fastness To Rubbing(耐摩擦色牢度)	M	-
Colour Fastness To Perspiration(耐汗渍色牢度)	M	-
Colour Fastness To Water(耐水色牢度)	M	-
Colour Fastness To Saliva(耐唾液色牢度)	M	-
Air Permeability (透气率)	M	M
Azo Dyes(可裂解致癌芳香胺染料测试)	M	-

Note: M = Meet Standard's Requirement F = Below Standard's Requirement
C = Conform To The Declared Fibre Content * = See Remark
= No Comment N/A = Not Applicable

备注: M = 符合标准要求 F = 不符合标准要求
C = 符合公告的成分内容 * = 看注解
= 无评语 N/A = 不适用

*1: See Test Result/见测试结果

Test Conducted: 1.As Requested By The Applicant, For Details Refer To Attached Page (S)
测试内容: 以下测试依据申请人所要求进行,具体内容参见附页
2.All the tested item are tested under the standard condition (except for indication).
本报告中检测项目均在相应标准规定的环境条件下进行(有注明的除外).

Remark: 1.The Chinese version of this test report is the standard one; the English version is only for reference.
备注: 此报告以中文为主英文仅作参考.
2.The report is valid with commission test only for the test samples in the case of delivering samples by clients. No copy test report is valid without original special stamp of the test body.
检验仅对检测样负责,复印件未重新加盖红色检验专用章无效.

批准
Approved by

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1 Fibre Analysis (FZ/T 01057.1~4-2007):
纤维成分定性分析/定量分析 (FZ/T 01057.1~4-2007) :

(A)	(B)	Marked 备注
Face: 100% Polyester 面: 100% 聚酯纤维	Face: 100% Polyester 面: 100% 聚酯纤维	===== -
(A)	(B)	Marked 备注
Back: 100% Cotton 底: 100% 棉	Back: 100% Cotton 底: 100% 棉	===== -

2 Formaldehyde Content (GB/T 2912.1-2009):
甲醛含量 (GB/T 2912.1-2009):

(A)	(B)	Requirement 要求
Not Detectable 未检出	Not Detectable 未检出	===== ≤ 20 mg/kg

Remark: Detection Limit = 20 mg/kg
备注: 检出限 = 20 mg/kg

3 pH Value (GB/T 7573-2009, KCL):
pH 值 (GB/T 7573-2009, KCL):

(A)	(B)	Requirement 要求
5.2	5.7	===== 4.0-7.5



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4 Presence Of Odor (GB 18401-2010 Section 6.7):
异味测试 (GB 18401-2010, 6.7):

(A)	(B)	Requirement 要求
Negative 无异味	Negative 无异味	===== Negative 无异味

5 Colour Fastness To Washing (GB/T 3921-2008, Test method A (1), 30 Minutes Mechanical Wash At 40°C In 0.5% Soap, Liquor Ratio : 50:1):

耐洗色牢度 (GB/T 3921-2008, Test method A (1), 40°C 30 分钟机械洗涤,用 0.5%皂片,浴比为 50:1):

	(A)	Requirement 要求
Shell 面料		===== Negative 无异味
Colour Change 颜色变化	4-5	≥ 4
Colour Staining 沾色		≥ 4
-Cotton 棉	4-5	
-Polyester 聚酯纤维	4-5	

	(A)	Requirement 要求
Lining 里料		===== Negative 无异味
Colour Change 颜色变化	4-5	≥ 4
Colour Staining 沾色		≥ 4
-Cotton 棉	5	
-Wool 羊毛	5	

Remark : Unit : Grade
备注: 单位: 级



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6 Colour Fastness To Rubbing (GB/T 3920-2008)
耐摩擦色牢度 (GB/T 3920-2008)

	(A)	Requirement 要求 =====
Dry 干	Shell 面料 4-5	≥ 4
Wet 湿	4-5	≥ 3-4

Remark: Unit: Grade
备注: 单位: 级



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7 Colour Fastness To Perspiration (GB/T 3922-2013)
耐汗渍色牢度 (GB/T 3922-2013)

	(A)		Requirement 要求 =====
	Shell 面料		
	Acid 酸	Alkaline 碱	
Colour Change 颜色变化	4-5	4-5	≥ 4
Colour Staining 沾色			≥ 4
-Cotton 棉	4-5	4-5	
-Polyester 聚酯纤维	4-5	4-5	

	(A)		Requirement 要求 =====
	Lining 里料		
	Acid 酸	Alkaline 碱	
Colour Change 颜色变化	4-5	4-5	≥ 4
Colour Staining 沾色			≥ 4
-Cotton 棉	5	5	
-Wool 羊毛	5	5	

Remark : Unit : Grade
备注: 单位: 级



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8 Colour Fastness To Water (GB/T 5713-2013)
耐水色牢度 (GB/T 5713-2013)

	(A)	Requirement 要求 =====
	Shell 面料	
Colour Change 颜色变化	4-5	≥ 4
Colour Staining 沾色		≥ 4
-Cotton 棉	4-5	
-Polyester 聚酯纤维	4-5	

	(A)	Requirement 要求 =====
	Lining 里料	
Colour Change 颜色变化	4-5	≥ 4
Colour Staining 沾色		≥ 4
-Cotton 棉	5	
-Wool 羊毛	5	

Remark : Unit : Grade
备注: 单位: 级



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9 Colour Fastness To Saliva (GB/T 18886-2019):
耐唾液色牢度 (GB/T 18886-2019):

	(A)	Requirement 要求 =====
Colour Change 颜色变化	Lining 里料 4-5	≥ 4
Colour Staining 沾色		≥ 4
-Cotton 棉	5	
-Wool 羊毛	5	

Remark : Unit : Grade
备注: 单位: 级

10 Air Permeability (GB/T 5453-1997):
透气率 (GB/T 5453-1997):

(A)	(B)	Requirement 要求
257.8 mm/s	343.5 mm/s	≥ 250 mm/s

Remark : Test Pressure = 100Pa, Test Area = 20cm²
备注: 压降 = 100Pa, 试验面积 = 20cm²



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11 Detection of Amines Content in Dyestuffs

可分解致癌芳香胺染料测试

As per GB 18401-2010, GB/T 17592-2011 Were Used, Amines Content in Dyestuffs Were Detected by Gas Chromatography - Mass Spectrometry (GC-MS).

根据 GB18401-2010 的要求, 采用测试方法: GB/T 17592-2011, 可分解致癌芳香胺染料使用气相色谱-质谱联用仪 (GC-MS) 检测。

	<u>Forbidden Amine</u> 禁用芳香胺	<u>CAS No.</u> 化学文摘编号	<u>Result (mg/kg)</u> 结果 (mg/kg)	<u>Requirement (mg/kg)</u> 要求 (mg/kg)
			(1)	
1	4-Aminodiphenyl 4-氨基联苯	92-67-1	ND	≤ 20
2	Benzidine 联苯胺	92-87-5	ND	≤ 20
3	4-Chloro-O-Toluidine 4-氯邻甲苯胺	95-69-2	ND	≤ 20
4	2-Naphthylamine 2-萘胺	91-59-8	ND	≤ 20
5	O-Aminoazotoluene 邻氨基偶氮甲苯	97-56-3	ND	≤ 20
6	5-nitro-o-toluidine 5-硝基-邻甲苯胺	99-55-8	ND	≤ 20
7	P-Chloroaniline 对氯苯胺	106-47-8	ND	≤ 20
8	2,4-Diaminoanisole 2,4-二氨基苯甲醚	615-05-4	ND	≤ 20
9	4,4'- Diaminodiphenylmethane 4,4'-二氨基二苯甲烷	101-77-9	ND	≤ 20
10	3,3'-Dichlorobenzidine 3,3'-二氯联苯胺	91-94-1	ND	≤ 20
11	3,3'-Dimethoxybenzidine 3,3'-二甲氧基联苯胺	119-90-4	ND	≤ 20
12	3,3'-Dimethylbenzidine 3,3'-二甲基联苯胺	119-93-7	ND	≤ 20



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13	3,3'-Dimethyl-4,4'diaminodiphenylmethane 3,3'-二甲基-4,4'-二氨基二苯甲烷	838-88-0	ND	≤ 20
14	P-Cresidine 2-甲氧基-5-甲基苯胺	120-71-8	ND	≤ 20
15	4,4'-Methylene-Bis(2-Chloroaniline) 4,4'-亚甲基-二-(2-氯苯胺)	101-14-4	ND	≤ 20
16	4,4'-Oxydianiline 4,4'-二氨基二苯醚	101-80-4	ND	≤ 20
17	4,4'-Thiodianiline 4,4'-二氨基二苯硫醚	139-65-1	ND	≤ 20
18	O-Toluidine 邻甲苯胺	95-53-4	ND	≤ 20
19	2,4-Toluylenediamine 2,4-二氨基甲苯	95-80-7	ND	≤ 20
20	2,4,5-Trimethylaniline 2,4,5-三甲基苯胺	137-17-7	ND	≤ 20
21	O-Anisidine 邻氨基苯甲醚	90-04-0	ND	≤ 20
22	4-Aminoazobenzene 4-氨基偶氮苯	60-09-3	ND	≤ 20
23	2,4-Xylidine 2,4-二甲基苯胺	95-68-1	ND	≤ 20
24	2,6-Xylidine 2,6-二甲基苯胺	87-62-7	ND	≤ 20



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Remark 备注: mg/kg = 毫克/千克
Detection Limit = 5 mg/kg
检出限 = 5 mg/kg
ND = Not Detected
ND = 未检出

Tested Components:

(1) White knitted fabric with black printing(pattern on shell of sample A)白色针织布带黑色印花 (#A 面料图案)

This test was conducted in Guang Dong Software Science Park
该测试在主场所科学城软件园进行检测

End of Report/报告结束

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