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中国认可
国际互认
检测
TESTING
CNAS L7901

检验检测报告

TEST REPORT

STFWT20202637

产品名称

Product Name

一次性防护口罩

委托单位

Trust Unit

苏州致雅纺织科技有限公司

生产单位

Manufacturer

苏州致雅纺织科技有限公司

检验检测类别

Test Category

委托送样检验



江苏省特种安全防护产品质量监督检验中心

JIANGSU QUALITY SUPERVISION AND INSPECTION CENTER FOR SPECIAL SAFETY PROTECTION PRODUCTS



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统一社会信用代码

91320509089369305U (1/1)

营业执照

(副本)

320584000202002120019



扫描二维码登录“国家企业信用信息公示系统”了解更多登记、备案、许可、监管信息。

名称 苏州致雅纺织科技有限公司

类型 有限责任公司(自然人独资)

法定代表人 庞媛媛

经营范围 许可项目：医用口罩生产；医护人员防护用品生产（Ⅱ类医疗器械）；第二类医疗器械生产（依法须经批准的项目，经相关部门批准后方可开展经营活动，具体经营项目以审批结果为准）
一般项目：工程和技术研究和试验发展；医用口罩零售；日用口罩（非医用）生产；日用口罩（非医用）销售；医护人员防护用品零售；第二类医疗器械零售；服装制造；服装服饰批发；服装服饰零售（除依法须经批准的项目外，凭营业执照依法自主开展经营活动）

注册资本 60万元整

成立日期 2014年01月06日

营业期限 2014年01月06日至2024年01月05日

住所 苏州市吴江区桃源镇东方大道33号

登记机关



2020年02月12日

国家市场监督管理总局监制



由 扫描全能王 扫描创建

检 验 检 测 报 告

Test Report



防伪查询

STFWT20202637

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产品名称 Product Name	一次性防护口罩	规格型号 Specification Type	—
		商 标 Trademark	—
委托单位 Trust Unit	苏州致雅纺织科技有限公司	电 话 Tel	15151516208
生产单位 Manufacturer	苏州致雅纺织科技有限公司	样品等级 Sample Grade	KN90
样品数量 Sample Quantity	60 个	送样日期 Sample Receiving Date	2020-03-03
检验检测类别 Test Category	委托送样检验	批号/货号 Serial Number	—
样品状态 Samples Conditions	符合检测要求		
检验检测及判定依据 Document and Decide Accordance	GB 2626-2006 《呼吸防护用品 自吸过滤式防颗粒物呼吸器》		
检验检测结论 Test Conclusion	<p>样品经检验，所检项目符合 GB 2626-2006 标准规定的 KN90 级要求。</p> <p>签发日期： 2020-03-03</p> <p>SignatuimDate</p>		
备 注 Remarks	<p>委托方要求样品不做预处理。</p> <p>本报告检验结论仅对所检项目得出，不代表未经检验的项目或功能符合要求。</p> <p>本报告仅对来样负责。</p>		

批 准：
Approver

顾海燕

审 核：
Examiner

吴亮亮

主 检：
Major tester

蔡燕文

检 验 检 测 结 果

Testing Results

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序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement	检验检测结果 Results	单项评价 Individual Judgment																
1	一般要求	——	材料： a)直接与面部接触的材料应无害； b)滤材应对人体无害； c)所用材料应具有足够的强度，在正常使用寿命中不应出现破损或变形。 结构： a)应不易产生结构性破损，部件的设计、组成和安装不应对使用者构成任何危险； b)头带的设计应可调，便于佩戴和摘除，应能将面罩牢固地固定在脸上，且佩戴时不应出现明显的压迫或压痛现象； c)应尽可能具有较小的死腔和较大的视野； d)随弃式面罩的结构应能保证与面部的密合，且应在使用寿命期内不出现变形。	符合要求	合格																
2	外观检查	——	样品表面不应破损、变形和有明显的其它缺陷，部件材料和结构应能够耐受正常使用条件及可能遇到的温度、湿度和机械冲击，头带应可调。	符合要求	合格																
3	呼吸阻力	——	每个样品的总吸气阻力应不大于 350，总呼气阻力应不大于 250	<table><tr><th colspan="3">试样编号</th><th>实测值</th></tr><tr><td rowspan="2">总吸气阻力</td><td rowspan="2">未预处理</td><td>1[#]</td><td>60.4</td></tr><tr><td>2[#]</td><td>63.4</td></tr><tr><td rowspan="2">总呼气阻力</td><td rowspan="2">未预处理</td><td>3[#]</td><td>31.6</td></tr><tr><td>4[#]</td><td>30.9</td></tr></table>	试样编号			实测值	总吸气阻力	未预处理	1 [#]	60.4	2 [#]	63.4	总呼气阻力	未预处理	3 [#]	31.6	4 [#]	30.9	合格
试样编号			实测值																		
总吸气阻力	未预处理	1 [#]	60.4																		
		2 [#]	63.4																		
总呼气阻力	未预处理	3 [#]	31.6																		
		4 [#]	30.9																		
4	视野	——	下方视野≥60°	64°	合格																
5	死腔	——	二氧化碳体积分数应不大于 1%	二氧化碳体积分数为 0.6%	合格																
6	头带	——	面罩的每条头带、带扣及其他调节部件在承受 10N 拉力且持续 10s 时，不应出现滑脱或断裂。	未预处理： 1 [#] 面罩的每条头带、带扣及其他调节部件在承受 10N 拉力且持续 10s 后，未出现滑脱或断裂。	合格																

检 验 检 测 结 果 Testing Results

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序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement	检验检测结果 Results		单项评价 Individual Judgment
7	过滤效率/% (NaCl 颗粒物)	—	KN90: ≥ 90.0	试样编号		合格
				1 [#]	初始	93.5
					加载	93.0
				2 [#]	初始	92.9
					加载	92.4
				3 [#]	初始	93.0
					加载	92.5
				4 [#]	初始	92.5
					加载	92.0
				5 [#]	初始	93.0
					加载	92.5
				6 [#]	初始	92.5
					加载	92.0
				7 [#]	初始	93.0
					加载	92.5
				8 [#]	初始	92.5
					加载	92.0
				9 [#]	初始	93.0
					加载	92.5
				10 [#]	初始	92.5
					加载	92.0
8	呼气阀盖	—	面罩的呼气阀盖在承受 10N 拉力且持续 10s 时, 不应出现滑脱或断裂。	无呼气阀, 不测此项。		—
9	呼气阀气密性	—	各样品均不得出现下述情况之一: a) 抽气流速已经达到 500mL/min 时, 系统负压达不到 1180Pa; b) 呼气阀恢复至常压时间小于 20s。	无呼气阀, 不测此项。		—
10	可燃性	—	暴露于火焰的各部件在从火焰移开后, 不应燃烧; 如果燃烧, 续燃时间不应超过 5s。	未预处理: 1 [#] 、2 [#] 试样暴露于火焰的各部件在从火焰移开后, 未燃烧。		合格

检 验 检 测 结 果
Testing Results

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序号 Serial	检验检测项目 Test Items	单位 Unit	技术要求 Requirement	检验检测结果 Results	单项评价 Individual Judgment
11	连接和连接部件	——	可更换式过滤元件与面罩之间，呼吸导管与过滤元件及面罩之间的所有连接和连接部件，在承受 10N 轴向拉力且持续 10s 时，不应出现滑脱、断裂或变形。	随弃式面罩，不测此项。	——

样 品 图 片



——以下空白——

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注 意 事 项

- 1、检验检测报告无“检验检测报告专用章”或检验检测单位公章无效。
- 2、复制检验检测报告未重新加盖“检验检测报告专用章”或检验检测单位公章无效。
- 3、检验检测报告无主检、审核、批准人签字无效。
- 4、检验检测报告涂改无效。

Points For Attention

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3. This Report Is Invalid If Without Signature Of The Major Tester And The Examiner And The Approver.
4. This Report Is Invalid If In Any Form By Any Means Altered.

检验检测机构地址：江苏省泰州市高港区临港经济园临港大道166号

The Institute Add: Lingang Road 166, Lingang Economic Park, Gaogang, Taizhou, Jiangsu

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The Institute Complain Tel: 0523-86989901

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The Institute Business Tel: 0523-86989959

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The Institute E-mail: 1735889887@qq.com

Certificate of Compliance



No. 1N200313.STTU076

Technical Construction File no. STFWT20202637-PPE

Certificate's
Holder:

Suzhou TOYA Textile Tech Co., Ltd.
755, Dongfand Rd, Taoyuan, Wujiang District,
Suzhou, Jiangsu Province, China.

Certification ECM
Mark:



Product:
Model(s):

Face Mask
FM001

Verification to:

Standard:
EN 149:2001+A1:2009

related to CE Directive(s):
R 2016/425 (Personal Protective Equipment)

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at www.entecerma.it. This Certificate of Compliance can be checked for validity at www.entecerma.it. This verification doesn't imply assessment of the production of the product(s).

Additional information, clarification about the **CE** Marking:



We attest that a TCF for the **CE** Marking process is in place. Whereas the Manufacturer is Responsible to start the **CE Marking Certification Procedure** through an appointed Notified Body and the perform all the necessary activities, as required by the Directive and accepted by the Notified Body, before placing the **CE** Mark on the product(s).

Date of issue 13 March 2020

Expiry date 12 March 2025

Service Manager
Luca Redonni



Deputy Manager
Amanda Payne



Ente Certificazione Macchine Srl

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PPE TEST REPORT

Report No. : NPS020030148-CE
Applicant : Suzhou Toya Textile Technology Co., Ltd.
Address : No.755 Dongfang Road, Taoyuan Town, Wujiang District, Suzhou City, Jiangsu, 215236, P.R.China
Manufacturer : Suzhou Toya Textile Technology Co., Ltd.
Address : No.755 Dongfang Road, Taoyuan Town, Wujiang District, Suzhou City, Jiangsu, 215236, P.R.China

Equipment Under Test (EUT)

Trade Name : 苏夫
Product Name : Mask
Model No. : Earloop Style
PPE Directive : Class I
Standards : EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking
Classifications : FFP2
Date of Receipt : March 6, 2020
Date of Test : March 6, 2020 to March 16, 2020
Date of Issue : March 16, 2020
Test Results : PASS



Reviewed by:
Jerry Chou
(Chief Engineer)

Prepared By:

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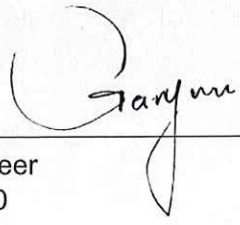
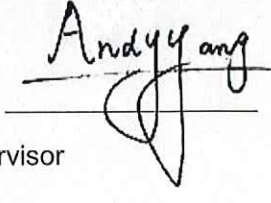
The sample detailed above has been tested to the requirements of Council Personal Protective Equipment (PPE) Directive (EU)2016/425. The test results have been reviewed against the Directives above and found to meet their essential requirements.

TEST REPORT

ITEMS FOR ATTENTION:

1. This report is submitted for the exclusive use of the client to whom it is addressed.
2. It would be invalid test report without specific stamp for test institute or the authority.
3. It would be invalid duplicated report without specific stamp for test institute or the authority.
4. It would be invalid test report without all the signatures of reporter, reviewer.
5. It would be invalid test report, if there is any scrawl in the test report without official authorization.
6. Any disputes about the report must be submitted for test laboratory 15 days from the day when the report is received, otherwise that would be invalid out of expiry.
7. Generally, the responsible is only for the samples in entrusted test.

TEST REPORT

Product Detail	Trade Name	苏夫
	Product Name	Mask
	Model	Earloop Style
Test Content	Test Items	CE Machinery Personal Protective Equipment (PPE) Directive (EU)2016/425
	Test Requested	EN 149:2001+A1:2009
	Test Method	Tests for compliance with the EN 149、EN 132、EN 134、EN 143、EN 13274-7、ISO 6941
	Classifications	FFP2
	Test Result	Pass
	Conclusion	The submitted samples complied with the requirement of above Standards.
Test Laboratory	Laboratory Name	NPS Test Laboratory DongGuan
	Address	NPS building, No.160,GuanChang Road, ChangAn Town, DongGuan City, GuangDong Province, China 523855
Remark	1) When determining for test conclusion, measurement uncertainty of tests has been considered. 2) This report shall not be reproduced except in full without the written approval of the testing laboratory.	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Tested by: </p> <p>Gory Wu Engineer March 15, 2020</p> </div> <div style="width: 45%;"> <p>Reviewed by: </p> <p>Andy Yang Supervisor March 16, 2020</p> </div> </div>		

TEST REPORT

General

Barrier Test	
Color	White
Dimensions	175*95mm
Weight	1 Pcs = 3.6g , 10 Pcs = 35g
Visual inspection	Pass
Note:No	

Visual inspection

Materials Test	
Ear Wire	Spandex
Bridge of nose	Medical use2
Face cloth	1+3 Non Woven Fabric , 2 Medical use melt-blown nonwovens
Note:No	

TEST REPORT

Flammability

Barrier Test	
Test Standard	ISO 6941:2003
Test Item	Vertical Burning Test
Test Processing	least 24 h at T: $20 \pm 2^\circ\text{C}$, $65 \pm 5\%$
Test Results	Pass
Note: No	

Carbon dioxide content of the inhalation air

Test Item	Unit	RL (ppm)	Results
carbon dioxide content	ppm	5	N.D
Test Results	Pass		
Remarks: 1. 1ppm = 1mg/kg = 0.0001%. 2. N.D.= Not Detected(less than report limit). 3. RL= Report Limit. 4. The results shown in this test report refer only to the sample tested.			

TEST REPORT

Strength of attachment of exhalation valve housing

Air Valve Test	
Test Standard	EN 132、EN 134、EN 143、EN 13274-7
Test Item	Air Valve Device
Test Results	N/A (Flat mask not in use)
Note:No	

Breathing Resistance

Test Item	Unit	Requirements	Results		
			1#	2#	3#
Exhalation Resistance	Pa/cm ²	Test the inhalation resistance at 30 l/min and 95 l/min continuous flow.	26	27	25
Test Results	Pass				
Note:N/A					
Breathing resistance Account for					
Classification	Maximum permitted resistance (mbar)				
	inhalation		exhalation		
	30 l/min	95 l/min	160 l/min		
FFP1	0,6	2,1	3,0		
FFP2	0,7	2,4	3,0		
FFP3	1,0	3,0	3,0		

TEST REPORT

Clogging

Penetration of filter material

Test Item	Classifications	Requirements	Test Results
Penetration %(PFE)	FFP2	≤ 6	Pass
Note:N/A			
Classification Account for			
Classification	<div> <div>A1</div> <div>Maximum penetration of test aerosol</div> <div>A1</div> </div>		
	Sodium chloride test 95 l/min % max.	Paraffin oil test 95 l/min % max.	
FFP1	20	20	
FFP2	6	6	
FFP3	1	1	

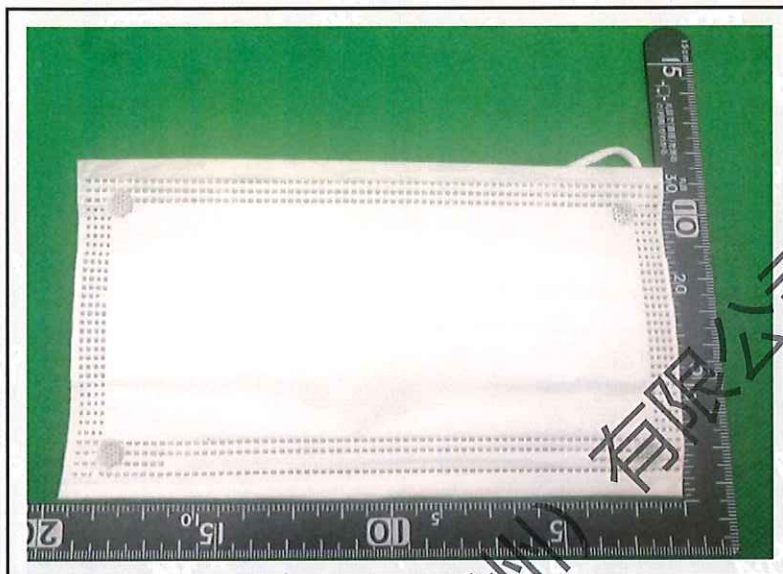
TEST REPORT

Penetration of filter material

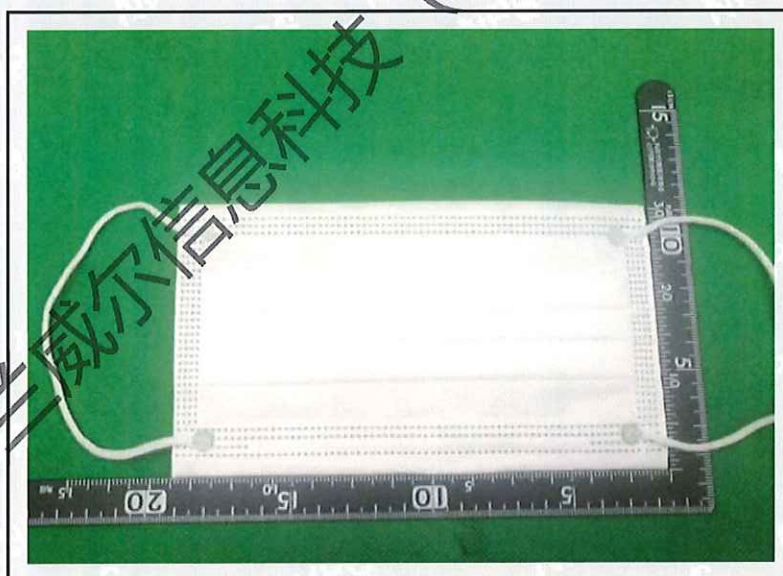
Headband Test	
Test Standard	EN 149
Requirement	The mask strap should be cut off easily. The breaking strength of the joint of each mask band and mask band should be greater than 10N.
Results	It's easy to take the mask off Breaking strength $\geq 10N$
Judgment	Pass
Note: No	

Air Va0121lve Test	
Test Standard	EN 132、EN 134、EN 143、EN 13274-7
Test Item	Air Valve Device
Test Results	N/A (Flat mask not in use)
Note: No	

Product Photograph

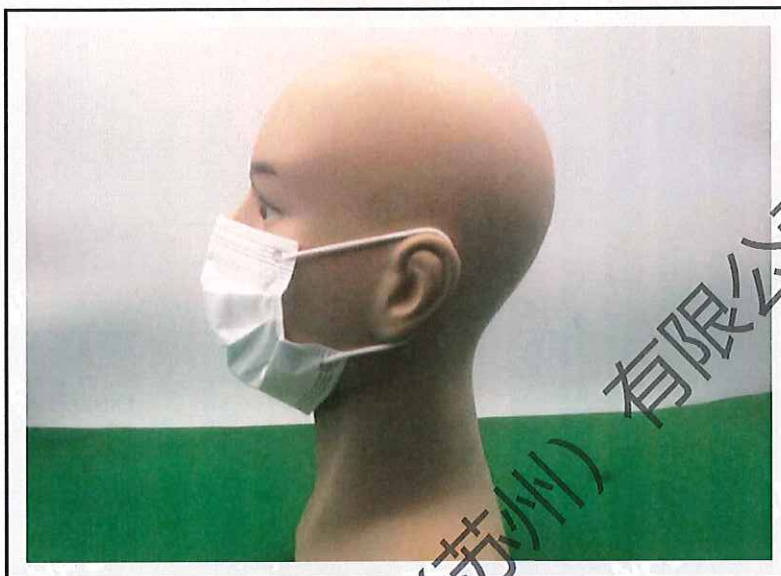


Test Sample Fig 1



Test Sample Fig 2

Product Photograph

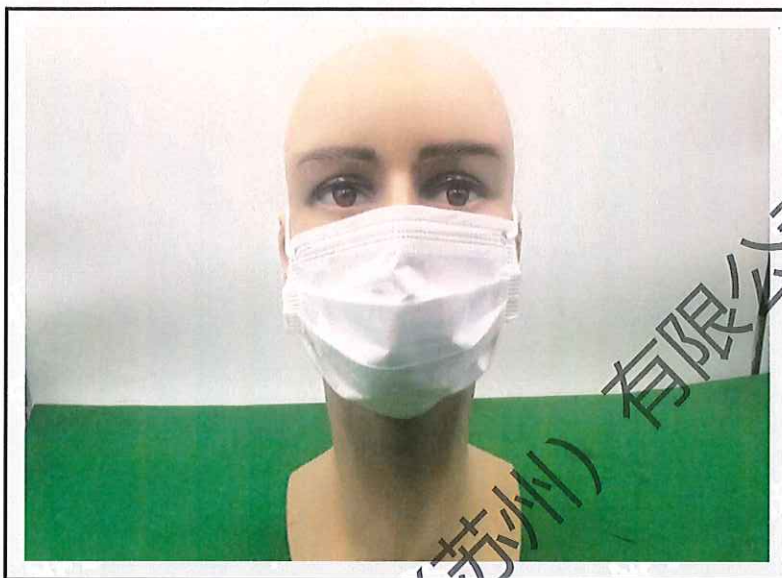


Test Sample Fig 3



Test Sample Fig 4

Product Photograph

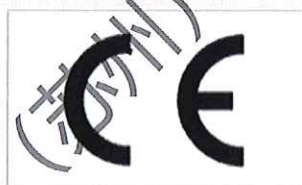
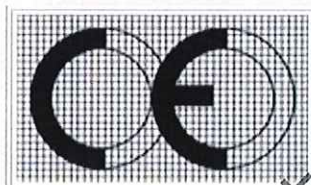


Test Sample Fig 5

CE Label

1. The CE conformity marking must consist of the initials 'CE' taking the following form:
If the CE marking is reduced or enlarged, the proportions given in the above graduated drawing must be respected.
2. The CE marking must have a height of at least 5 mm except where this is not possible on account of the nature of the apparatus.
3. The CE marking must be affixed to the product or to its data plate. Additionally it must be affixed to the packaging, if any, and to the accompanying documents.
4. The CE marking must be affixed visibly, legibly and indelibly. It must have the same height as the initials 'CE' Proposed Label Location on EUT

EUT Bottom View/proposed CE Mark Location



NPS.GS

End of Report