

Test Report

Sample Name: KN95 filter type particle prevention mask

Client Name: Shanghai Topolo New Materials Co., LTD

Test sort: Commissioned test

Report date: 2020.02.14

(stamp of laboratory)



Shenzhen Xunke Standard Technology Service Co.,Ltd.

Test Report

Report No. XKS2020R02140157E

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Detection Category	<input checked="" type="checkbox"/> Commissioned test <input type="checkbox"/> Routine test <input type="checkbox"/> Evaluation test <input type="checkbox"/> Type test		
Sample Source	<input checked="" type="checkbox"/> Client to send samples <input type="checkbox"/> Sampling		
Client	Shanghai Topolo New Materials Co., LTD		
Client Address	Nr.158 Xinjunhuan Road, Minhang District, Shanghai		
Manufacturer	/		
Manufacturer Address	/		
Sample Name	KN95 filter type particle prevention mask	Logo	/
Sample Model	001	Production serial number	/
Sample quantity	50pcs	Sample number	XKS2020R02100157E
Date of Sample Receive	2020.02.10	Test date	2020.02.10~2020.02.14
environment condition	Temperature: 25.3°C Relative humidity: 58%		
Test Standard	GB 2626-2006		
Test Item	See the result		
Test Results	See the next page		
Note	1. Sample information provided by the client, only responsible for the incominsample. 2. The test results are for reference only.		

Written by: *Jemy Li*

Reviewed by: *Huigang Cai*

Approved By: *Shumei Cao*



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1. Test requirements

According to GB 2626-2006, perform performance testing on the samples submitted for inspection.

2. Test results

Sample name	Test items	Standard requirement	Test results	Determine
KN95 filter type particle prevention mask	General requirements	Materials in direct contact with the face are harmless to the skin	Meet the requirements	PASS
		Filter material is harmless to human body	Meet the requirements	PASS
		The materials used shall have sufficient strength and shall not be damaged or deformed in normal service life	Meet the requirements	PASS
		It is not easy to cause structural damage, and the design, composition and installation of components shall not pose any danger to users	Meet the requirements	PASS
	Appearance Quality	The surface of the sample should not be damaged, deformed, and have other obvious defects. The material and structure of the component should be able to withstand normal use conditions and the temperature, humidity and mechanical shock that may be encountered.	Meet the requirements	PASS
	Filtration efficiency	$\geq 95.0\%$	98.6%	PASS
	Leaky	<11% based on the TIL of each action and <8% based on the overall TIL of a person	Til of 50 cycles < 11%	PASS
			Til of 9 subjects < 8%	
	Inhalation resistance	$\leq 350\text{Pa}$	112Pa	PASS
	Expiratory resistance	$\leq 250\text{Pa}$	90Pa	PASS
	Dead space	$\leq 1\%$	0.7%	PASS
	Field of view under mask	$\geq 60^\circ$	66°	PASS
Headband pull	There should be no slippage or fracture	No slipping or breaking	PASS	

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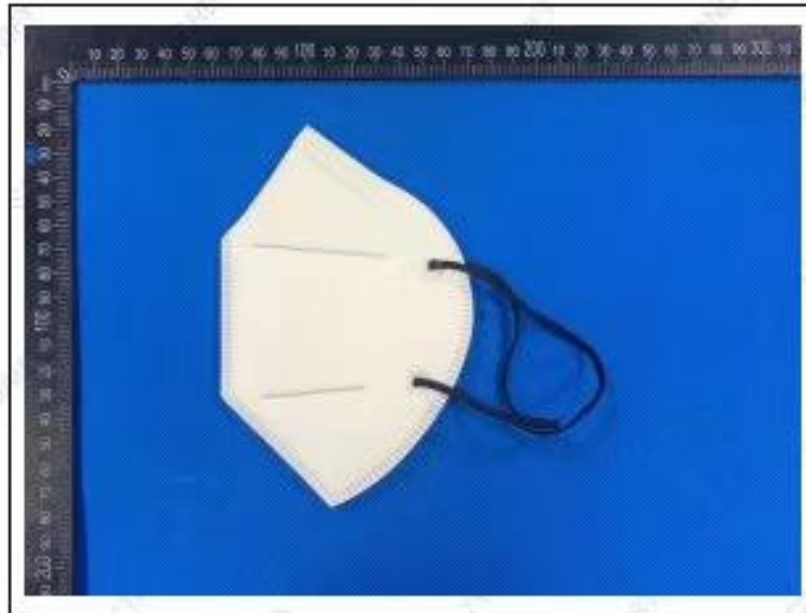
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2. Test results(continued)

Sample name	Test items	Standard requirement	Test results	Determine	
KN95 filter type particle prevention mask	Flammability	After being removed from the flame, the parts exposed to the flame shall not burn; if it is burned, the afterburning time shall not exceed 5s.	Untreated sample 1	2s	PASS
			Untreated sample 2	2s	
			Pretreatment sample 1	2s	
			Pretreatment sample 2	2s	

Note: The tested items of the tested samples meet the requirements of KN95 in GB 2626-2006.

3.Sample photo



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There is any discrepancy in this report, please after receipt of the report made in writing within 15 days.

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