



中国认可  
国际互认  
检测  
TESTING  
CNAS L10118



国检检测  
CHINA COMPONENTS TEST

# Test Report

(2020) WSZ FHL NO.0105

Product Name Non-povered air-purifying particle respirator

Applicant Suzhou unicharm nonwoven Products CO.,LTD

Manufacturer Suzhou unicharm nonwoven Products CO.,LTD

Test Type Entrusted inspection

Jiangsu Guojian Testing Technology Co.,Ltd



检验专用章



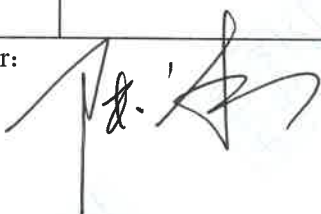
# Test Report

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Product name	Non-povered air-purifying particle respirator	Specification	—
		Brand	—
Applicant/Add /Tel	Suzhou unicharm nonwoven Products CO.,LTD/Xinchuang Road Daxin Town Zhang Jiagang City./18662235300		
Manufacturer/Add/Tel	Suzhou unicharm nonwoven Products CO.,LTD/Xinchuang Road Daxin Town Zhang Jiagang City./18662235300		
Sample grade	KN95	Sample number	GW 0105-2020
Sample quantity	50	Receiving date of sample	2020.01.31
Test type	Entrusted inspection	Article number/Batch number/Style number	—
Test date	2020/01/31~2020/02/03	Test site	Testing room
Sample state	Meet the requirements		
Test standard(s)	GB 2626-2006 《Respiratory protective equipment -Non-powered purifying particle respirator》		
Test items	General requirements、Appearance requirements、Filter efficiency、Respiratory resistance、Dead space、Vision、Head harness、Flammability、Total Inward leakage of disposable masks		
Test conclusion	<p>The sample upon examination, the projects meet the requirements of the GB 2626-2006 standard , the specific test results see page 2-4.</p> <p style="text-align: right;">   Issue date: 2020. 3. 13 </p>		
Note	<p>The sample informations are provided by Applicant. This report is only responsible for samples received.</p> <div style="text-align: right;">  </div>		

Approver:



Reviewer:

张慧芬

Main surveyor:



# Test Result

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Number	Test item	Unit	Technical requirement	Test result		Single Item decision
1	General requirements	-	materials should have sufficient strength and should not break or deform during the service life.	Meet the requirements		Qualified
			The design should be less prone to structural damage; the design, composition and installation of components shall not pose any danger to the user; headband design should be adjustable, easy to wear and removal, should be able to hold the mask firmly on the face and should not show significant compression or tenderness when worn; should have a small dead space and a larger field of view as much as possible; disposable mask structure should be able to ensure close contact with the face, and should not be deformed during the service life.			
2	Appearance requirements	-	The surface of the sample should not be damaged, deformed and have obvious other defects; components and structures should be able to withstand normal conditions of use and may encounter the temperature, humidity and mechanical impact; headband should be adjustable, replaceable mask headband design should be replaceable; after the temperature and humidity pretreatment and mechanical strength of the pretreatment, the parts should not fall off, damage and deformation.	Meet the requirements		Qualified
3	Filter efficiency	—	≥95.0%	Untreated	99.4%	Qualified
					99.3%	
					99.5%	
					99.6%	
					99.2%	
					99.5%	
					99.6%	
					99.5%	
				Pretreatment	99.4%	
					99.3%	
					99.2%	
					99.4%	

# Test Result

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Number	Test item		Unit	Technical requirement	Test result		Single Item decision
4	Respiratory resistance	Inspiratory resistance	Pa	$\leq 350$	Untreated	132.6	Qualified
						129.9	
			Pretreatment	134.5			
				136.3			
		Expiratory resistance	Pa	$\leq 250$	Untreated	104.5	Qualified
						108.3	
			Pretreatment	113.2			
				112.8			
5	Dead space		—	$\leq 1\%$	0.02%		Qualified
6	Vision		—	Bottom view $\geq 60^{\circ}$	83.4°		Qualified
7	Head harness		—	To withstand 10N, sustained 10s pull, should not appear slippage or breakage.	Untreated	No slippage or breakage occurred	Qualified
					Pretreatment	No slippage or breakage occurred	
8	Flammability		—	Parts exposed to the flame should not burn after they have been removed from the flame; if burned, the burn-in time should not exceed 5s.	Untreated	The mask burned. The burn-in time is 0.1s.	Qualified
						The mask burned. The burn-in time is 0.1s.	
					Pretreatment	The mask burned. The burn-in time is 0.1s.	
						The mask burned. The burn-in time is 0.1s.	

# Test Result

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Number	Test item	Unit	Technical requirement	Test result							Single Item decision	
9	Total Inward leakage of disposable masks	%	TIL <11 for at least 46 actions in 50 actions, and TIL <8 for at least 8 of 10 subjects.	Subjects		D1	D2	D3	D4	D5	TIL	Qualified
				Untreated	1 <sup>#</sup>	6.5	6.7	6.5	6.7	6.8	6.6	
					2 <sup>#</sup>	6.4	6.5	6.4	6.7	6.5	6.5	
					3 <sup>#</sup>	6.3	6.5	6.4	6.7	6.5	6.5	
					4 <sup>#</sup>	6.5	6.3	6.5	6.4	6.5	6.4	
					5 <sup>#</sup>	6.3	6.4	6.5	6.6	6.6	6.5	
				Pretreatment	6 <sup>#</sup>	6.4	6.3	6.7	6.5	6.6	6.5	
					7 <sup>#</sup>	6.5	6.6	6.7	6.5	6.6	6.6	
					8 <sup>#</sup>	6.4	6.5	6.6	6.7	6.6	6.6	
					9 <sup>#</sup>	6.6	6.7	6.7	6.5	6.5	6.6	
					10 <sup>#</sup>	6.6	6.7	6.6	6.7	6.5	6.6	
Note												

The End