



中国认可
国际互认
检测
TESTING
CNAS L1842



佛山中纺联检验技术服务有限公司
CNTAC Testing Services Co.,Ltd.(Foshan)

检测报告	防伪查询网址: www.fcl-sz.org.cn 防伪码: 8368080102
报告编号: ZFLJ2614933A	第 1 页, 共 5 页



Applicant Information

Applicant Name : Shenzhen Hezheng Industrial Development Co., Ltd
 Applicant Address : 601 Zhaoye workshop, No.172, huanguanzhong Road, songyuanxia community, Guanhu street, Longhua District, shenzhen
 Manufacturer : Shenzhen Hezheng Industrial Development Co., Ltd

Sample Information

Sample Description : Disposable Mask
 Brand : Dr.HZ
 Sample Quantity : 50 pieces
 Size specification : HZ-1

- Sample Receiving Date : 2020-04-18
 - Report Date : 2020-04-21
 - The original sample is stucked on the last paper.

Test Performed

Judgement according to:
 GB/T 32610-2016 Technical Specification of daily protective mask
 - Selected test(s) as requested by applicants. For details, refer to attached page(s).

Pronounce

The results shown in this report refer only to sample(s) tested unless otherwise stated.
 All the items are performed in the standard conditions, except the noted cases.
 Except for the requirement of the client, the test results and the conformity judgement of this report do not take the uncertainty of the test results into account.

Signed for and on behalf of
CNTAC Testing Services Co.,Ltd.(Foshan)

Approved by

张志荣





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--- Test Result ---

Test Result	Requirements	Judgement	
1. Color Fastness to Rubbing <u>GB/T 29865-2013</u>			
Unit: <grade>			
Dry	4-5	Dry ≥ 4	Pass
Wet	4-5	Wet ≥ 4	
2. Tensile Strength of the mask belt and the connection between the mask belt and the mask body <u>GB/T 32610-2016 Section 6.9</u>			
Unit: <N>			
Result	45	≥ 20	Pass
3. pH Value <u>GB/T 7573-2009</u>			
Using KCl solution as the extracting solution.			
Result	6.2	4.0~8.5	Pass
4. Formaldehyde Content <u>GB/T 2912.1-2009</u>			
Water extraction method, lower limit of quantitation: 20mg/kg			
Unit: <mg/kg>			
Result	N.D.	≤ 20	Pass
Remark: N.D.= Not Detectable, Less than 20 mg/kg			
5. Azo Colourants <u>GB/T 17592-2011</u>			
Use GC/MSD method, limit of detection : 5mg/kg			
Unit: <mg/kg>			
Result	N.D.	Banned (≤ 20)	Pass
Remark: 1) N.D.=Not Detectable, Less than the Limit of detection. 2) Banned arylamines substances are listed in Annex.			
6. Exhalation Resistance ^[1] <u>GB/T 32610-2016 Section 6.8</u> ^[2]			
Air flow: 85L/min			
Unit: <Pa>			
Before pretreatment			
Maximum value	73.2	≤ 145	Pass
7. Filtration Efficiency ^[1] <u>GB/T 32610-2016 Appendix A</u>			
Air flow: 85L/min, Aerosol: NaCl			
Unit: <%>			
Before pretreatment			
Salt medium	Minimum value 95.5	≥ 95	Pass





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Test Result	Requirements	Judgement
8. Inhalation Resistance ^[1] <u>GB/T 32610-2016 Section 6.7</u> ^[2]		
Air flow: 85L/min Unit: <Pa> Before pretreatment		
Maximum value 76.8	≤ 175	Pass
9. Residual Ethylene Oxide <u>GB 14233.1-2008 Section 9.4 Gas chromatography(Limit extraction)</u>		
Unit: <µg/g>		
Ethylene oxide relative content <0.7	≤ 10	Pass
Remark: detection limit is 0.7µg/g		
10. Appearance Inspection <u>GB/T 32610-2016</u>		
Result Accordance	Mask surface should not be damaged, oil stains, deformation and other obvious defects.	Pass
11. Appearance Inspection <u>GB/T 32610-2016 section 5.1</u>		
Result Accordance	The mask should be able to cover the mouth and nose securely.	Pass
Result Accordance	Mask raw materials should not be reworked materials, contain highly toxic or potentially carcinogenic substances and materials known to cause skin irritation or other adverse reactions, residues of other substances that are restricted in use should meet the relevant requirement, no odor.	Pass
Result Accordance	The mask should not have a palpable sharp angle or sharp edge and should not pose a hazard to the wearer.	Pass
Result Accordance	Masks should be easy to wear and remove, no obvious constriction or tenderness in the wearing process, the impact on the head movement is small.	Pass

Remark: 1. ^[1]= The client requires that only unprocessed results be issued, and judge according to the standard GB/T 32610-2016.
2. ^[2]=This method is beyond the scope of CNAS accreditation .





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Appendix:

No.	CAS No.	Forbidden Arylamine
1	92-67-1	4-aminobiphenyl
2	92-87-5	benzidine
3	95-69-2	4-chloro-o-toluidine
4	91-59-8	2-naphthylamine
5	97-56-3	o-aminoazotoluene
6	99-55-8	5-nitro-o-toluidine
7	106-47-8	p-chloroaniline
8	615-05-4	2,4-diaminoanisole
9	101-77-9	4,4'-diaminobiphenylmethane
10	91-94-1	3,3'-dichlorobenzidine
11	119-90-4	3,3'-dimethoxybenzidine
12	119-93-7	3,3'-dimethylbenzidine
13	838-88-0	3,3'-dimethyl-4,4'-diaminobiphenylmethane
14	120-71-8	p-cresidine
15	101-14-4	4,4'-methylene-bis- (2-chloroaniline)
16	101-80-4	4,4'-oxydianiline
17	139-65-1	4,4'-thiodianiline
18	95-53-4	o-toluidine
19	95-80-7	2,4-toluylenediamine
20	137-17-7	2,4,5-trimethylaniline
21	90-04-0	o-anisidine
22	60-09-3	4-aminoazobenzene
23	95-68-1	2,4-xylidine
24	87-62-7	2,6-xylidine





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Original Sample



===== End of Report =====

