



# TEST REPORT

Report No.: SHC20040322-01AE

Date: 2020-04-22

Page 1 of 5

Applicant : Ningbo Tianshun Rubber Products Co., Ltd.

Address : Yushan Industrial Zone, Sanqishi Yuyao Zhejiang China

## Sample Information

Sample Name : Latex examination gloves

Sample Type/Specification : /

Sample Qty. : 100 PCS

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Sample No. : C20040322-01

Date of Sample Received : 2020-04-08

Sample Test Period : 2020-04-08~2020-04-22

## Test content:

Test Items : Please refer to next page(s).

Test Methods : Please refer to next page(s).

Test Results : Please refer to next page(s).

Prepared by:

(Zhen Li)

Reviewed by:

(Jinjie Zhang)

Approved by:

(Authorized signatory: Jason Wu Juan Han)



# TEST REPORT

Report No.: SHC20040322-01AE

Date: 2020-04-22

Page 2 of 5

## Test Results

### 1. Industrial projects

Test Items	Test Methods	Testing conditions	Results	Limit	Conclusion
size	EN 455-2:2015	Ruler	Length: 240mm Width: 95mm	Length: ≥ 240mm Width: 95±10mm	Pass
Water impermeability	EN 455-1:2000	1. Place the pipe fittings vertically, so as to accommodate 1000 ml water more than the natural volume of gloves 2. Attach the gloves to the fitting, overlap the cuffs up to 40 mm from the end of the tube and secure them in a suitable way to obtain a watertight seal without damaging the gloves. Add 1000ml ± 50ml of water into the open end of the pipe fitting, so that the water can enter the glove freely 3. Immediately visually inspect the gloves for water leakage. Let the gloves hang and visually check again for water leaks after 2 to 3 minutes.	No water leakage on the surface	No seepage	Pass
Identification	EN 455-2:2015	Visual measurement	The glove box shall be clearly marked with product name, size, production date, effective date and precautions.	/	/
Breaking force before aging	EN 455-2:2015	Speed: 500mm/min Sample width: 3mm Sample thickness: 0.1mm Force sensor: 500N	8.37N	≥ 6.0N	Pass
Breaking force after aging			6.97N	≥ 6.0N	Pass



# TEST REPORT

Report No.: SHC20040322-01AE

Date: 2020-04-22

Page 3 of 5

## 2.EN 455-3: 2015 Medical gloves for single use Part 3: Requirements and testing for biological evaluation

Test Items		Test Methods	Unit	MDL	Results	Limit	Conclusion
Extractable proteins		EN 455-3: 2015 Annex A	mg/kg	10	N.D.	/	/
Chemical	Talcum powder (magnesium silicate)	Atomic absorption spectrometry method	g/kg	6	N.D.	Not detectable	pass

Note: 1.N.D.=Not detected (<MDL)



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Report No.: SHC20040322-01AE

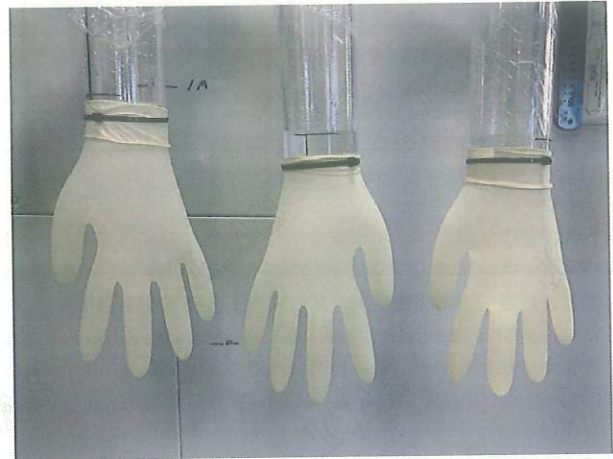
Date: 2020-04-22

Page 4 of 5

## Sample Photo



Before impermeability test



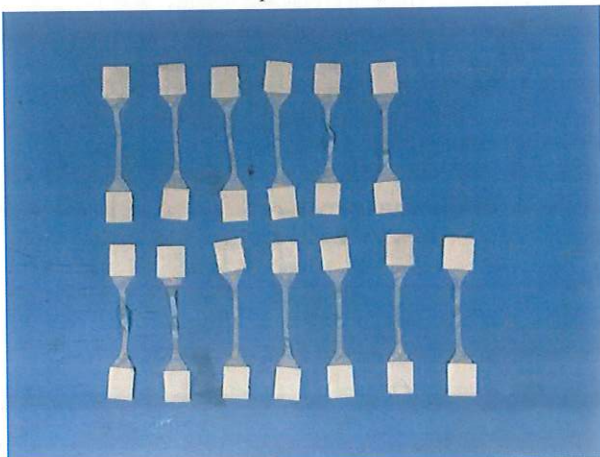
During impermeability test



After impermeability test



Identification sample



Before Breaking force before aging test



During Breaking force before aging test

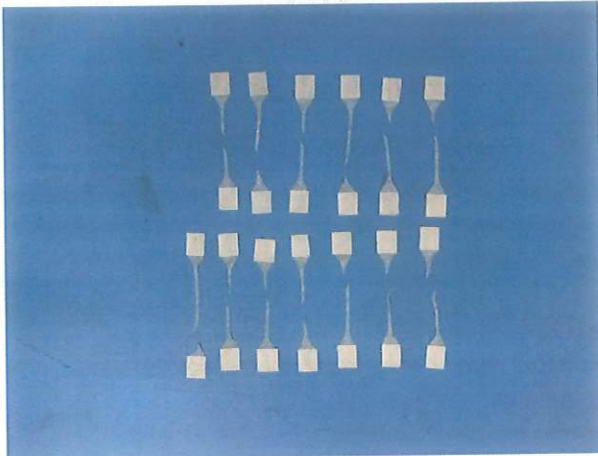


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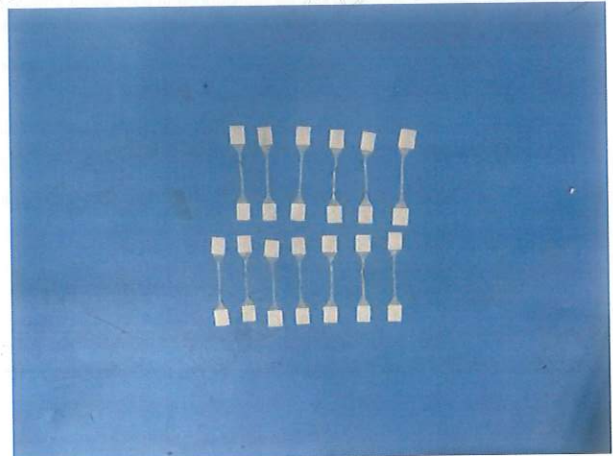
Report No.: SHC20040322-01AE

Date: 2020-04-22

Page 5 of 5



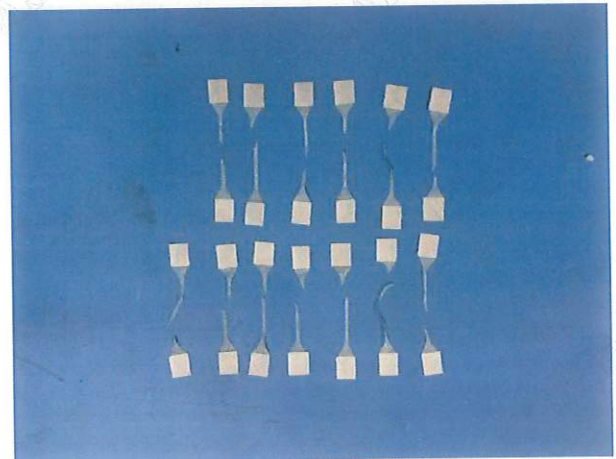
After Breaking force before aging test



Before Breaking force after aging test



During Breaking force after aging test



After Breaking force after aging test

This photo is limited to ICAS used this report

\*\*\*End of the report\*\*\*

Shanghai Co.

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