



#### **TEST REPORT**

Revised report.

DATE: 18/06/2020

Member of the SGS Group (SGS SA)

Report No.: SN:RA:6325636152-7 \*42164632618\*

DMASIA (Vietnam) CO. LTD. Level 46, Bitexco Financial Tower.

Dist.1, Ho Chi Minh, Vietnam

CONTACT PERSON: -- Ms Mai Thi Thanh

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS:

SAMPLE DESCRIPTION **GLOVES** 

DISPOSABLE POWDER FREE NITRILE GLOVES

**COLOUR BLUE** STYLE NO. DBT

**REF NO** GC62342/2020

PHOTO APPENDIX.





**SAMPLE RECD ON** 17/06/2020 **TESTING PERIOD**: 17/06/2020 - 18/06/2020

Summary of Test Results/Conclusion				
Test Method / Standard	Clause/Test Name	Status / Performance Level		
Protective gloves against chemicals and micro-organisms: Determination of resistance Penetration				
EN 374-2.2014	Clause 4.1 – Air leak test	Pass		
	Clause 4.2 – Water leak test	Pass		
EN 16523-1:2015	Permeation by Liquid chemical under conditions of continuous contact.			
EN 10323-1.2013	Sodium hydroxide 40%	Level – 6		
EN 374-4:2013	Resistance to Degradation by Chemicals			
LIN 374-4.2013	Sodium hydroxide 40%	Refer results.		

Per pro SGS India Private Ltd.

K. PACHAIYAPPAN **ASST. MANAGER** 

K. Parri

Email your Test Report Related Enquiries at Feedback.VLT@sqs.com

JOE No.: 4556876456

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# RESULTS

#### EN 374-2: 2014 Protective gloves against chemicals and micro-organisms - Part-2: Determination of resistance pentration

Clause	Test Name	Test Results		Performance level
4.1	Air leak Test (Air Pressure Used : 0.5	Specimen #	Leakage	
	kPa)	1. 2. 3. 4.	No Leakage No Leakage No Leakage No Leakage	Pass
4.2	Water leak test	Specimen #	Leakage	
		1. 2. 3. 4.	No Leakage No Leakage No Leakage No Leakage	Pass

## EN 16523-1:2015 Determination of material resistance to permeation by chemicals – Part-1: Permeation by Liquid chemical under conditions of Continuous contact.

Chemical CAS NO	Loop system/collection medium	Analytical technique used	Mean thickness (mm)	NBT at NPR 1.0 μ cm <sup>-2</sup> min <sup>-1</sup> (minutes)	Performance level accordance to EN ISO 374-1: 2016 Table 1	Observation
Sodium hydroxide 40% 1310-73-2	Closed loop/ Grade 3 water	Continuous measurement With Conductivity electrode	0.05 0.06 0.05	> 480 > 480 > 480	Level – 6	No change

### EN 374-4:2013 Protective Gloves against Chemicals and Micro Organisms - Determination of resistance to degradation by chemicals

Chemical / CAS NO	Exposure Duration	Test Results Percentage change in puncture resistance		Observation
Sodium hydroxide 40% 1310-73-2	60±5 minutes	Glove sample 1 2 3 Mean Standard Deviation	Result (%) -23.1 -37.0 -29.3 -29.8	No change

\*\*\*\*\* End of Page\*\*\*\*

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#### **TEST REPORT**

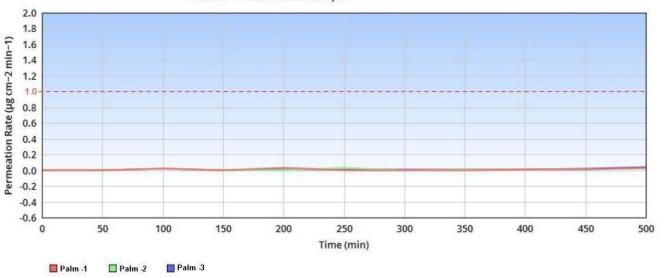
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# RESULTS

#### NaOH Permeation Graph



\*\*\*\*\* End of Report\*\*\*\*\*

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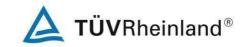
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# **WITNESSTEST**



Witness Test Report No.:	: 532456532 IVN 865801	Test Date: 17 June 2020	
Client:	Ms Mai Thi Thanh		
Witness Test items:	Examination Glove		
Identification:  Manufacturer:  Witness Testing location	(Producer Giang Điên ) NBR Blue 2 35 PF gloves- Size L  (Producer Giang Điền ) NBR Blue 2 35 PF gloves – Size S  (Producer Giang Điền ) NBR 35 Cobalt blue PF gloves – Size M (Producer Giang Điền )NBR Blue 2 35 PF gloves-Size XL  V Gloves (VIETNAM) ENTERPRIS  : DMASIA (Vietnam) CO. LTD	Lot No.: STK 11#; 44#  STK 65#; 62#  STK16#; 43#  STK 52#  SECORPORATION	
Test specification:	and "DIMENSION AND TENSION EN 455-1:2000 Medical gloves for s for freedom from holes	ESS TEST FOR DETECTION OF HOLES" I TEST" in accordance with standards: single use – Part 1: Requirements and testing single use – Part 2: Requirement and testing lause 5.2.4 and clause 5.3.)	
Witness Test Result:	The test items were performed in accordance with test specification (s).		
	Result of test items comply with tes	· · · · · · · · · · · · · · · · · · ·	
Testing Laboratory:	V Gloves (VIETNAM) ENTERPRIS	SECORPORATION	
Witness tested by :	Report review	ed by:  Houng	
2020.06.18 Nguyen Thanh H		Nguyen Ngoc Hoang	
Date Name/Position	Signature Date	Name/Position Signature	

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# WITNESSTEST



## **ORDER INFORMATION**

# Order quantity:

STK No.	Item	Size	Lot Quantity (pcs)
16#; 43#	(Producer Giang Điên ) NBR Blue 2 35 PF gloves	М	200,000,000
65#; 62#	(Producer Giang Điên ) NBR Blue 2 35 PF gloves	S	250,000,000
11#; 44#	(Producer Giang Điền ) NBR Blue 2 35 PF gloves	L	200,000,000
52#	Producer Giang Điền ) NBR Blue 2 35 PF gloves	XL	50,000,000
		Total	700,000,000

# **Definitions:**

- Type of item: examination gloves

- Material: thermoplastic material(nitrile)

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#### WITNESS TEST SUMMARY

#### A. WATERTIGHTNESS TEST FOR DETECTION OF HOLES

1-Standard: EN 455-1:2000

2-Compliance level: manufacturer specified AQL 1.5 according manufacturer test report.

#### 3- Test condition:

- Water temperature 27 degree was checked by inspector

- Water filling tube was maintained by manufacturer to fill required 1000mL + 50mL vole according period records ofmanufacturer.
- Test set up bymanufacturer
- Inspection for leakage 2-3 minutes after filling.

# 4- Test samples & result:

STK No.	Item	Size	Lot Quantity (pcs)
16#; 43#	(Producer Giang Điên ) NBR Blue 2 35 PF gloves	М	200,000,000
65#; 62#	(Producer Giang Điên ) NBR Blue 2 35 PF gloves	S	250,000,000
11#; 44#	(Producer Giang Điển ) NBR Blue 2 35 PF gloves	L	200,000,000
52#	Producer Giang Điên ) NBR Blue 2 35 PF gloves	XL	50,000,000
		Total	700,000,000

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#### **B.DIMENSION AND TENSION TEST**

**1- Standard:** EN 455-2:2009: Excluding clause 5.2.4 and clause 5.3.

#### 2- Test condition:

Random sampling performed by manufacturer considering LOT No. and size.

Test set up and performed by manufacturer with consideration of EN 455-2-2009 clause 5.2.2 & 5.2.3

Measurement performed by manufacture with consideration of EN 455-2-2009 clause 4

# 4 Test samples:

STK No.	Item	Size	Lot Quantity (pcs)
16#; 43#	(Producer Giang Điên ) NBR Blue 2 35 PF gloves	М	200,000,000
65#; 62#	(Producer Giang Điên ) NBR Blue 2 35 PF gloves	S	250,000,000
11#; 44#	(Producer Giang Điển ) NBR Blue 2 35 PF gloves	L	200,000,000
52#	Producer Giang Điên ) NBR Blue 2 35 PF gloves	XL	50,000,000
		Total	700,000,000