

TEST REPORT

Revised report.

Report No. : SN:RA:6325636152-7

DATE : 18/06/2020

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
EN 374-2:2014	Protective gloves against chemicals and micro-organisms: Determination of resistance Penetration	
	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.	
	Sodium hydroxide 40%	Level – 6
EN 374-4:2013	Resistance to Degradation by Chemicals	
	Sodium hydroxide 40%	Refer results.

Per pro SGS India Private Ltd.

K. Pachaiyappan

K. PACHAIYAPPAN
ASST. MANAGER

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

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RESULTS

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

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

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 $\mu\text{cm}^{-2}\text{min}^{-1}$ (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	0.05	> 480	Level – 6	No change
		With Conductivity electrode	0.06	> 480		
			0.05	> 480		

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		Observation
		Percentage change in puncture resistance		
Sodium hydroxide 40% 1310-73-2	60±5 minutes	Glove sample	Result (%)	No change
		1	-23.1	
		2	-37.0	
		3	-29.3	
		Mean	-29.8	
		Standard Deviation	6.923	

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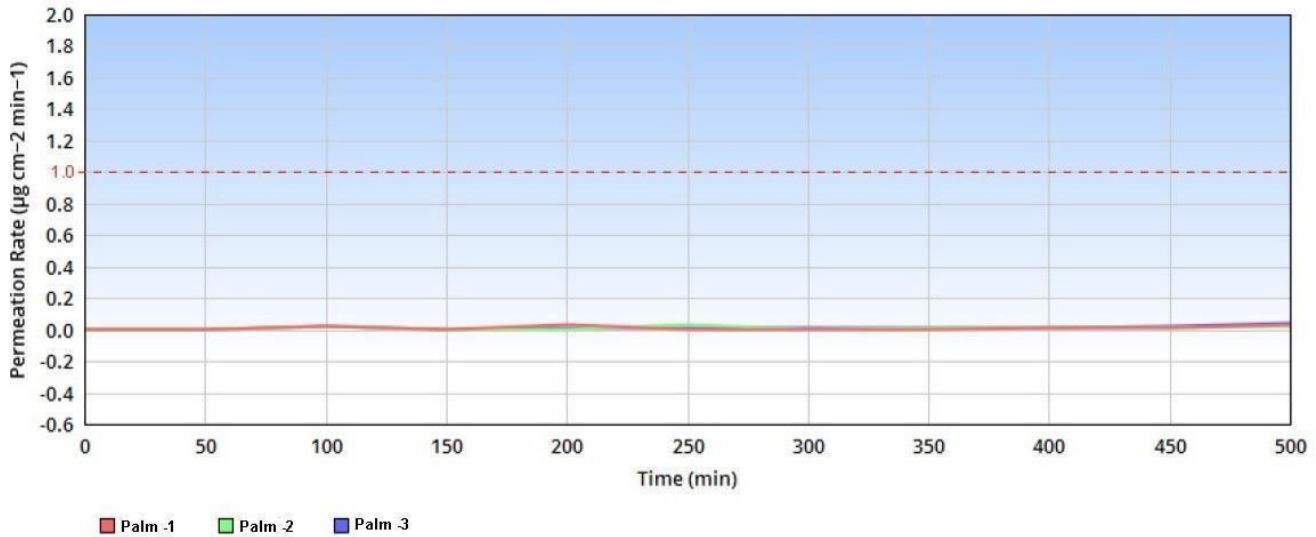
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RESULTS

NaOH Permeation Graph



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

Witness Test Report No.: 532456532 IVN 865801		Test Date: 17 June 2020	
Client: Ms Mai Thi Thanh			
Witness Test items: Examination Glove			
Identification:		Lot No.:	
(Producer Giang Điền) NBR Blue 2 35 PF gloves- Size L		STK 11#; 44#	
(Producer Giang Điền) NBR Blue 2 35 PF gloves – Size S		STK 65#; 62#	
(Producer Giang Điền) NBR 35 Cobalt blue PF gloves – Size M		STK16#; 43#	
(Producer Giang Điền)NBR Blue 2 35 PF gloves-Size XL		STK 52#	
Manufacturer: V Gloves (VIETNAM) ENTERPRISE CORPORATION			
Witness Testing location: DMASIA (Vietnam) CO. LTD			
Test specification:		Witness testing “WATERTIGHTNESS TEST FOR DETECTION OF HOLES” and “DIMENSION AND TENSION TEST” in accordance with standards:	
		EN 455-1:2000 Medical gloves for single use – Part 1: Requirements and testing for freedom from holes	
		EN 455-2:2009 Medical gloves for single use – Part 2: Requirement and testing for physical properties (Excluding clause 5.2.4 and clause 5.3.)	
Witness Test Result:		<i>The test items were performed in accordance with test specification (s). Result of test items comply with test specifications requirement.</i>	
Testing Laboratory: V Gloves (VIETNAM) ENTERPRISE CORPORATION			
Witness tested by :		Report reviewed by:	
2020.06.18	Nguyen Thanh Hung	2020.06.18	Nguyen Ngoc Hoang
Date	Name/Position	Date	Name/Position
			
	Signature		Signature

ORDER INFORMATION

Order quantity:

STK No.	Item	Size	Lot Quantity (pcs)
16#; 43#	(Producer Giang Điền) NBR Blue 2 35 PF gloves	M	200,000,000
65#; 62#	(Producer Giang Điền) 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)

WITNESS TEST SUMMARY

A. WATERTIGHTNESS TEST FOR DETECTION OF HOLES

1-Standard: EN455-1:2000

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 \pm 50mL vole according period records of manufacturer.
- Test set up by manufacturer
- Inspection for leakage 2-3 minutes after filling.

4- Test samples & result:

STK No.	Item	Size	Lot Quantity (pcs)
16#; 43#	(Producer Giang Điền) NBR Blue 2 35 PF gloves	M	200,000,000
65#; 62#	(Producer Giang Điền) 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

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 Điền) NBR Blue 2 35 PF gloves	M	200,000,000
65#; 62#	(Producer Giang Điền) 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
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		Total	700,000,000