

TEST REPORT**Report No. : CH:TX:1042003820****DATE : 25/01/2019**

SHHL1811067690SD

LYNCMED MEDICAL TECHNICAL(BEIJING)CO.LTDROOM 119, FLOOR 1, GUOTOUSHANGKE BUILDING NO 111, SOUTH HUIHE R
CHINA**A/C F619301 SGS-CSTC STANDARDS TECHNICAL SERVICES (SHANGHAI) CO., LTD.****CONTACT PERSON : --****THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :****SAMPLE DESCRIPTION**

GLOVES

PVC GLOVE

STYLE NO.

M

PHOTO APPENDIX.**SAMPLE RECD ON**

22/01/2019

TESTING PERIOD : 22/01/2019 – 25/01/2019**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.	
	Methanol	Level - 0
EN 374-4:2013	Resistance to Degradation by Chemicals	
	Methanol	Refer results.

Per pro SGS India Private Ltd.

K. PACHAIYAPPAN
ASST. MANAGER

Email your Test Report Related Enquiries at Feedback.SLT@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
		Size M	No Leakage	
		Size M	No Leakage	
		Size M	No Leakage	
		Size M	No Leakage	
		Size M	No Leakage	
4.2	Water leak test	Specimen #	Leakage	Pass
		Size M	No Leakage	
		Size M	No Leakage	
		Size M	No Leakage	
		Size M	No Leakage	
		Size M	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 $\mu\text{g cm}^{-2}$ min^{-1} (minutes)	Performance level accordance to EN ISO 374-1: 2016 Table 1	Observation
Methanol 67-56-1	Open loop/ Nitrogen	Continuous measurement With GC-FID	0.07 0.06 0.07	<1 <1 <1	Level - 0	Severe swelling

EN ISO 374-1:2016 – Protective gloves against dangerous chemicals and micro-organisms.
Part 1: Terminology and performance requirements for chemical risks.
Table 1: Permeation performance levels.

Permeation performance level	Measured breakthrough time (minutes)
1	>10
2	>30
3	>60
4	>120
5	>240
6	>480

Performance levels are based on the lowest individual results achieved per chemical

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TEST REPORT

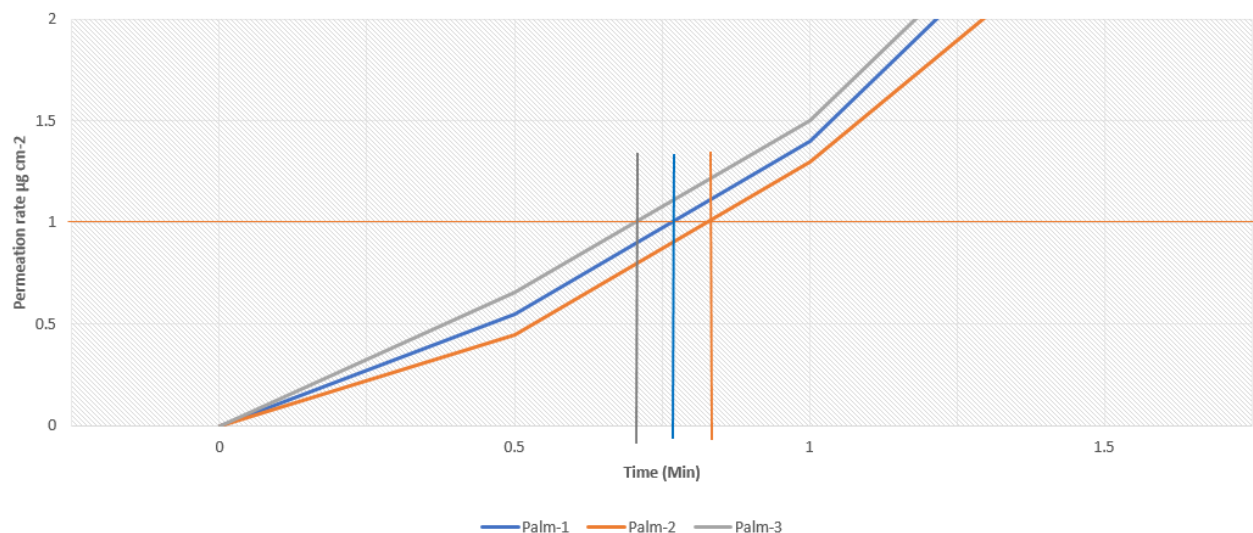
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RESULTS

Methanol Permeation Graph



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		
Methanol 67-56-1	60±5 minutes	<u>Glove sample</u>	<u>Result (%)</u>	Severe swelling
		1	34.9	
		2	37.3	
		3	34.0	
		Mean	35.4	
		Standard Deviation	1.703	

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