

TEST REPORT

Report No. : CH:TX:5420027274

DATE : 12/05/2014



14S14003132

TANGSHAN ZHONGHONG PULIN PLASTIC CO., LTD.
PACHIGANG, LUANNAN COUNTRY, TANGSHAN HEBEI PROVINCE,
CHINA
A/C 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 NITRILE GLOVE SIZE: S/M/L/XL
BATCH NO	ZH140401
REF NO	HJ005
MANUFACTURER	TANGSHAN ZHONGHONG PULIN PLASTIC CO LTD
PHOTO APPENDIX.	



SAMPLE RECD ON 26/04/2014 **TESTING PERIOD :** 26/04/2014 - 12/05/2014
TEST(S) REQUESTED PERMEATION BY CHEMICALS

Summary of Test Results		
Test Method	Test Name	Status / Performance Level
EN 374-3:2003	Resistance to Permeation by Chemicals	
	Methanol	Class 0
	Toluene	Class 0
	Diethylamine	Class 0
	Ethyl acetate	Class 0
	n-Heptane	Class 1
	Sodium Hydroxide 40%	Class 6
	Sulphuric acid 96%	Class 1

Per pro SGS India Private Ltd.

K. Pachaiyappan

K. PACHAIYAPPAN
SECTION INCHARGE

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

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RESULTS

EN 374-3:2003 Protective Gloves against Chemicals and Micro Organisms – Determination of resistance to permeation by chemicals

Chemical CAS NO	Code Letter	Permeation Rate ($\mu\text{g}/(\text{min}.\text{cm}^2)$)	Mean thickness (mm)	Break through time (minutes)	Performance level	Observation
Methanol 67-56-1	A	1.0	P 0.13 B 0.13 W 0.12	6 4 4	Class - 0	Moderately swollen
Toluene 108-88-3	F	1.0	P 0.13 B 0.12 W 0.12	< 1 < 1 < 1	Class - 0	Severely swollen
Di ethylamine 109-89-7	G	1.0	P 0.13 B 0.13 W 0.12	< 1 < 1 < 1	Class - 0	Severely swollen
Ethyl acetate 141-78-6	I	1.0	P 0.13 B 0.12 W 0.12	< 1 < 1 < 1	Class - 0	Severely swollen
n-Heptane 142-85-5	J	1.0	P 0.13 B 0.12 W 0.12	28 25 24	Class - 1	Slightly swollen
Sodium Hydroxide 40% 1310-73-2	K	1.0	P 0.13 B 0.13 W 0.12	>480 >480 >480	Class - 6	Slightly swollen
Sulphuric acid 96% 7664-93-9	L	1.0	P 0.12 B 0.13 W 0.12	11 11 10	Class - 1	Severely swollen & Complete degradation

P → Palm
B → Back
W → Wrist

**** End of Report****