



SHANGHAI

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中国认可
国际互认
检测
TESTING
CNAS L4577

TEST REPORT

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Report No.: S240301916_1

15 March 2024

mark_zhang@raxwell.cn

APPLICANT: RAXWELL INDUSTRIAL TECHNOLOGY
CO., LTD 瑞氮维尔工业科技有限公司
(C53204)

太仓市沙溪镇沙南西路488号
· SUZHOU JIANGSU
CHINA

Date of receipt : 12 Mar. 2024

Testing period : 14 Mar. 2024

: 15 Mar. 2024

Buyer: —

Sample description: Raxwell 丁腈涂层手套, 掌浸

Test(s) requested : —

Service : REGULAR

Brand / Section : —

Season : —

End use : —

Factory name : —

Factory code : —

Previous report : —

Product category : —

Product type : —

Test stage : FIRST TEST

Supplier name : —

Exported to : —

1. Conclusion:

	Tests description	Conformity
	EN 388:2016+A1:2018	
1	Abrasion resistance: 2016	Level 3
2	Cut resistance: 2016	Level 1
3	Tear strength resistance: 2016	Level 2
4	Puncture resistance: 2016	Level 1

Pass: requirements met Fail: requirements not met None: no requirement for this test N/A: not applicable

Approved by

Henry YAN 严滨
Laboratory Manager

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To declare the conformity to the requirement, the uncertainty of measurement, associated to the test results, has not been taken into account.



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2. Sample(s) description assigned by laboratory:

<u>Size</u>	<u>Analyzed product</u>	<u>Description</u>	<u>Sample information</u>
	GLOVE	palm	



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3. GLOVE/

palm

	Method	Client Requirement	Unit	Result	Conformity
(+) 4.1. Abrasion resistance: 2016 used consumables - abrasive used consumables - adhesive Number of cycles at the hole detection Number of cycles at the hole detection (2) Number of cycles at the hole detection (3) Number of cycles at the hole detection (4) Performance level	EN 388:2016 + A1:2018			Klingspor PL31B Grit 180 3M Scotch 7500 7000 >8000 >8000 3	
(+) 4.1. Cut resistance: 2016 Deviation from the test method used consumables - canvas used consumables - blade C1 T1 1C1 I1 C2 T2 1C2 I2 C3 T3 1C3 I3 C4 T4 1C4 I4	EN 388:2016 + A1:2018			No LEM 6 OLFA RB45 1.4 0.5 1.7 1.3 1.7 0.6 1.7 1.4 1.7 0.7 1.7 1.4 1.7 0.7 1.7 1.4	

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	Method	Client Requirement	Unit	Result	Conformity
C5				1.7	
T5				0.7	
1C5				1.7	
I5				1.4	
Mean value of test piece 1				1.4	
C1 bis				0.8	
T1 bis				0.2	
2C1bis				1.2	
I1 bis				1.2	
C2 bis				1.2	
T2 bis				0.2	
2C2bis				1.2	
I2 bis				1.2	
C3 bis				1.2	
T3 bis				0.5	
2C3bis				1.2	
I3 bis				1.4	
C4 bis				1.2	
T4 bis				0.2	
2C4bis				1.2	
I4 bis				1.2	
C5 bis				1.2	
T5 bis				0.7	
2C5bis				1.7	
I5 bis				1.5	
Mean value of test piece 2				1.3	
Considered value				1.3	
Performance level				1	
Observation				No comment	
(+) 4.1. Tear strength resistance: 2016	EN 388:2016 + A1:2018				
Tear strength			N	32	
Tear strength (2)			N	33	

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	Method	Client Requirement	Unit	Result	Conformity
Tear strength (3)			N	35	
Tear strength (4)			N	45	
Performance level				2	
(+) 4.1. Puncture resistance: 2016	EN 388:2016 + A1:2018				
Puncture resistance			N	27	
Puncture resistance (2)			N	26	
Puncture resistance (3)			N	26	
Puncture resistance (4)			N	24	
Performance level				1	

END OF TEST REPORT

(+)CNAS accreditation

Unless otherwise specified, the physical test items in this report performed in CTC Shanghai lab were conditioned and tested in the environment of T 23±2°C / RH 50±4%.

Table of Performance Level for Glove

Test Item	Performance Level					
	0##	1	2	3	4	5
Abrasion Resistance (EN 388) Number of cycles (minimum)	<100	100	500	2000	8000	---
Blade Cut Resistance (EN 388) Index (I) (minimum)	<1.2	1.2	2.5	5.0	10.0	20.0
Tear Resistance (EN 388) Force (N) (minimum)	<10	10	25	50	75	---
Puncture Resistance (EN 388) Force (N) (minimum)	<20	20	60	100	150	---

Performance level 0 means the glove falls below the minimum performance level for the given individual hazard

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