



中国认可  
国际互认  
检测  
TESTING  
CNAS L4577

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# TEST REPORT 测试报告

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Date of Issue 签发日期  
2021-06-02

Report No.报告号码: S210504419\_1

APPLICANT 申请公司: PROTECTIVE INDUSTRIAL PRODUCTS HONG KONG LTD., (C06226)  
FLAT 1-11,  
6/F KAR WAH INDUSTRIAL BUILDING  
8 LEUNG YIP STREET  
. YUEN LONG, N. T HONGKONG  
CHINA

Date of receipt 收样日期 :2021-05-21  
Testing period 测试周期 :2021-05-24  
:2021-05-27

Buyer 买家: --

Style / Article no. 款号 :16-373

Test(s) requested 测试要求 :--

Service 服务类型 : REGULAR普通件

Brand / Section 品牌 :--

Season 季节 :--

End use 最终用途 :--

Factory name 工厂名称 :--

Factory code 工厂代码 :--

**For CE Marking : Yes**

Previous report 前测试报告号码 :--

Product category 产品类目 :--

Product type 产品类型 :--

Test stage 测试阶段 :FIRST TEST

Supplier name 供应商名称 :--

Exported to 出口到 :--

## 1. Conclusion 测试结论:

	Tests description 测试名称	Conformity 符合性
	<b>ANSI-ISEA 105/EN 388</b>	
1	Abrasion resistance : 2016 耐摩擦性能	Level 4
2	Tear strength resistance:2016 耐撕裂性能	Level 4
3	Puncture resistance: 2016 耐穿刺性能	Level 3
4	Cutting resistance TDM 耐切割性能	Level A6

Pass: requirements met 通过: 符合要求    Fail: requirements not met 未通过: 不符合要求    None: no conclusion for this test 未作判定    N/A: not applicable N/A: 不适用

Approved by

Henry YAN 严滨  
Laboratory Manager

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To conclude 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 description assigned by laboratory 实验室样品描述:

Size 码数	Analyzed product 所测样品	Description 描述	Sample information 样品信息
	GLOVE	black (grey/black) nitrile (high performance polyethylene/steel/basalt/polyester/nylon/spandex) palm 手掌	



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### 3. GLOVE/

black(grey/black) nitrile(high performance polyethylene/steel/basalt/polyester/nylon/spandex) palm 手掌

	Method 方法	Client Requirement 客户要求	Unit 单位	Result 结果	Conformity 符合性
<b>(+)(*) 4.1. Abrasion resistance: 2016耐摩擦性能</b> Deviation from the test method 偏离方法 used consumables - abrasive 使用耗材 - 砂纸 used consumables - adhesive 使用耗材 - 胶带 Number of cycles at the hole detection 检测到破洞的圈数 Number of cycles at the hole detection 检测到破洞的圈数 (2) Number of cycles at the hole detection 检测到破洞的圈数 (3) Number of cycles at the hole detection 检测到破洞的圈数 (4) Performance level 性能等级	EN 388:2016 + A1:2018			No  Klingspor PL31B Grit 180 3M Scotch  >8000  >8000  >8000  >8000  4	
<b>(+)(*) 4.1. Tear strength resistance: 2016耐撕裂性能</b> Tear strength 撕裂力 Tear strength (2) 撕裂力 (2) Tear strength (3) 撕裂力 (3) Tear strength (4) 撕裂力 (4) Performance level 性能等级	EN 388:2016 + A1:2018		N N N N	>75 >75 >75 >75  4	
<b>(+)(*) 4.1. Puncture resistance: 2016耐穿刺性能</b> Puncture resistance 耐穿刺力 Puncture resistance (2) 耐穿刺力 (2) Puncture resistance (3) 耐穿刺力 (3) Puncture resistance (4) 耐穿刺力 (4) Performance level 性能等级	EN 388:2016 + A1:2018		N N N N	112 122 146 143  3	

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	Method 方法	Client Requirement 客户要求	Unit 单位	Result 结果	Conformity 符合性
(+)(*) 5.1.1. Cutting resistance TDM耐切割性能	ASTM F2992 /F2992M - 15			0.93	
Correction factor of the sharp edge of the blade with the neoprene 刀片锋利度 校准系数					
Load for a distance of 20 mm cut 割20mm所需的力			g	3222	
Performance level性能等级				Level A6	

### END OF TEST REPORT

- 报告末页 -

(+)CNAS accreditation CNAS 认可 (\*)CMA accreditation CMA 认可

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%.

除非特别说明, 本报告中在CTC上海进行的物理测试项目都在此环境下完成预平衡及测试 T 23±2° C / RH 50±4%.

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Table of Performance Level for Glove

Test Item	Performance Level					
	0##	1	2	3	4	5
<b>Abrasion Resistance (EN 388)</b> Number of cycles (minimum)	<100	100	500	2000	8000	---
<b>Tear Resistance (EN 388)</b> Force (N) (minimum)	<10	10	25	50	75	---
<b>Puncture Resistance (EN 388)</b> 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

Classification Table for Cut Resistance  
(ANSI-ISEA 105)

Level	Weight (grams) needed to cut through material with 20 mm of blade travel
A1	>=200
A2	>=500
A3	>=1000
A4	>=1500
A5	>=2200
A6	>=3000
A7	>=4000
A8	>=5000
A9	>=6000

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