# TEST REPORT

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中国认可
国际互认
检测
TESTING
CNAS L4577



Report No.: S181013184_1

19 October 2018

APPLICANT: ANSELL (SHANGHAI) COMMERCIAL AND TRADING CO., LTD安思尔（上海）商贸有限公司 (C30663)

HOPE WU / hope.wu@ansell.com

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021 SHANGHAI
CHINA

Date of receipt :12 Oct. 2018
Testing period :12 Oct. 2018
:19 Oct. 2018

**Buyer:** --

**Sample description:** Edge® 48-122

Style / Article no. :Edge®48-122
Test(s) requested :--
Service :REGULAR
Brand / Section :--
Season :--
End use :--
Factory name :--
Factory code :--

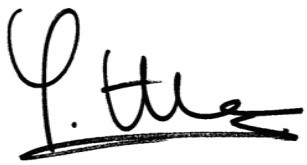
**For CE Marking : Yes**
Previous report :--
Product category :--
Product type :--
Test stage :FIRST TEST
Supplier name :--
Exported to :--

## 1. Conclusion:

| | Tests description | Conformity |
|---|---|---|
| | **EN 388** | |
| 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
Laboratory Manager

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**2. Sample(s) description assigned by laboratory:**

| Size | Analyzed product | Description | Sample information |
|---|---|---|---|
| | GLOVE | Palm | |




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**3. GLOVE/**

Palm

| | Method | Client Requirement | Unit | Result | Conformity |
|---|---|---|---|---|---|
| (+) **4.1. Abrasion resistance : 2016** | EN 388 : 2016 | | | | |
| Deviation from the test method | | | | No | |
| used consumables - abrasive | | | | Klingspor PL31B Grit 180 | |
| used consumables - adhesive | | | | 3M Scotch | |
| Number of cycles at the hole detection | | | | 3100 | |
| Number of cycles at the hole detection (2) | | | | 5400 | |
| Number of cycles at the hole detection (3) | | | | 4300 | |
| Number of cycles at the hole detection (4) | | | | 2900 | |
| Performance level | | | | 3 | |
| (+) **4.1. Cut resistance : 2016** | EN 388 : 2016 | | | | |
| Deviation from the test method | | | | No | |
| used consumables - canvas | | | | LEM 6 | |
| used consumables - blade | | | | OLFA RB45 | |
| C1 | | | | 0.9 | |
| T1 | | | | 0.2 | |
| 1C1 | | | | 0.9 | |
| I1 | | | | 1.2 | |
| C2 | | | | 0.9 | |
| T2 | | | | 0.1 | |
| 1C2 | | | | 1.1 | |
| I2 | | | | 1.1 | |
| C3 | | | | 1.1 | |
| T3 | | | | 0.2 | |
| 1C3 | | | | 1.1 | |
| I3 | | | | 1.2 | |
| C4 | | | | 1.1 | |
| T4 | | | | 0.2 | |
| 1C4 | | | | 1.2 | |
| I4 | | | | 1.2 | |
| C5 | | | | 1.2 | |

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| | Method | Client Requirement | Unit | Result | Conformity |
|---|---|---|---|---|---|
| T5 | | | | 0.2 | |
| 1C5 | | | | 1.2 | |
| I5 | | | | 1.2 | |
| Mean value of test piece 1 | | | | 1.2 | |
| C1 bis | | | | 1.2 | |
| 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 | | | | 0.2 | |
| 2C3bis | | | | 1.2 | |
| I3 bis | | | | 1.2 | |
| C4 bis | | | | 1.2 | |
| T4 bis | | | | 0.3 | |
| 2C4bis | | | | 1.2 | |
| I4 bis | | | | 1.3 | |
| C5 bis | | | | 1.2 | |
| T5 bis | | | | 0.3 | |
| 2C5bis | | | | 1.2 | |
| I5 bis | | | | 1.3 | |
| Mean value of test piece 2 | | | | 1.2 | |
| Considered value | | | | 1.2 | |
| Performance level | | | | 1 | |
| Observation | | | | No comment | |
| (+) **4.1. Tear strength resistance: 2016** | EN 388 : 2016 | | | | |
| Tear strength | | | N | 70 | |
| Tear strength (2) | | | N | 70 | |
| Tear strength (3) | | | N | 57 | |

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| | Method | Client Requirement | Unit | Result | Conformity |
|---|---|---|---|---|---|
| Tear strength (4) | | | N | 49 | |
| Performance level | | | | 2 | |
| (+) **4.1. Puncture resistance: 2016** | EN 388 : 2016 | | | | |
| Puncture resistance | | | N | 32 | |
| Puncture resistance (2) | | | N | 28 | |
| Puncture resistance (3) | | | N | 35 | |
| Puncture resistance (4) | | | N | 38 | |
| Performance level | | | | 1 | |

**END OF TEST REPORT**

(+)CNAS accreditation

**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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