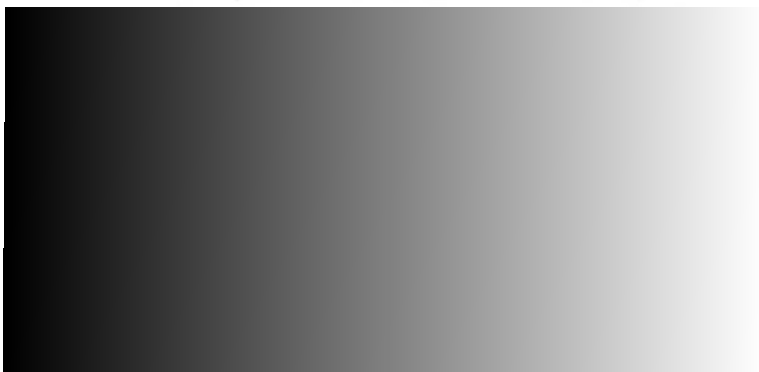


CTC Shanghai
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2123 Pudong Avenue
Shanghai 200135, P.R. CHINA
ctcshanghai@ctcgroupe.com

Report No.: SH61083-12



Test(s) requested : --
Product Category : --
Product Type : --
Sample description: MINING ANTI IMPACT GLOVES.(0098: 矿业防撞手套)

Style / Article no.: 0098
Ref no.: 0098
Buyer: --
Exported to: NIGERIA, ENGLAND, GERMANY, TURKIYE, UNITED STATES, EUROPE, CANADA, JAPAN, AUSTRALIA, NEW ZEALAND
Date of receipt of application form: June 15, 2012
Date of receipt of sample: June 15, 2012
Testing period: June 15, 2012 -- June 21, 2012
End use: --
Number of sample(s): SEVERAL PAIRS OF SAMPLES
Service required: REGULAR

1. Conclusion:

Testing	Result	Combine / Separate Test Item(s)	Failed Test Item(s)
Abrasion resistance	Level 4	(S01)	--
Blade cut resistance of glove	Level 2	(S01)	--
Tear resistance of glove	Level 4	(S01)	--
Puncture resistance of glove	Level 1	(S01)	--

Note: P: Pass F: Fail

Comments:

For the submitted sample, the Abrasion resistance of glove got level 4; the Blade cut resistance of glove got level 2; the Tear resistance of glove got level 4; the Puncture resistance of glove got level 1 according to EN388 standard.

Approved by



Henry YAN
Lab Supervisor

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TEST REPORT

Report No.: SH61083-12



TESTING
CNAS L4577
June 21, 2012
Page 2/3

APPLICANT:

上海海太尔防护用品有限公司

SHANGHAI HAITAIER PROTECTIVE EQUIPMENT CO.,LTD

2. Label(s) on the sample(s):

Sample(s)	Size	Style / Article no.:	Sub-sample(s)	Component(s)	Colour
(01)	-	0098	(a)	Palm	Green/Orange

3. Sample(s) description assigned by laboratory:

Test item	Sample(s)	Combine / Separate sub-sample(s)
(S01)	(01)	(a)



4. Testing result:

4.1 EN 388

TEST METHOD		Test item(s)		Requirement	P/F	
		(S01)				
1	Blade cut resistance of glove # (NF EN 388:2004 §6.2) Sequence	Index (I)		---	---	
			Test 1			Test 2
		1	3.6			3.1
		2	2.5			2.1
		3	2.6			3.4
		4	2.9			3.2
		5	4.6			5.2
Average (I):		3.3	3.4			
Lowest average value (I) :		3.3		---	---	
Performance Level :		2		---	---	
2	Tear resistance of glove # (NF EN 388:2004 §6.3) Lowest value of four tests (N):	78		---	---	
		4		---	---	
3	Puncture resistance of glove # (NF EN 388:2004 §6.4) Lowest value of four tests (N):	38		---	---	
		1		---	---	
4	Abrasion resistance of glove # (NF EN 388:2004 §6.1) Lowest value of four tests :	>8000		---	---	
		4		---	---	

* Refer to the below page for details of the performance level of glove.

Note: P: Pass F: Fail

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TEST REPORT

Report No.: SH61083-12



TESTING
CNAS L4577
June 21, 2012
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APPLICANT:

上海海太尔防护用品有限公司

SHANGHAI HAITAIER PROTECTIVE EQUIPMENT CO.,LTD

Table of Performance Level for Glove

Test Item	Performance Level					
	0 ^{##}	1	2	3	4	5
Abrasion Resistance (NF EN 388:2004 §6.1) Number of cycles (minimum)	< 100	100	500	2000	8000	---
Blade Cut Resistance (NF EN 388:2004 §6.2) Index (I) (minimum)	< 1.2	1.2	2.5	5.0	10.0	20.0
Tear Resistance (NF EN 388:2004 §6.3) Force (N) (minimum)	< 10	10	25	50	75	---
Puncture Resistance (NF EN 388:2004 §6.4) 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.

- End of report -