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检测
TESTING
CNAS L0220

TEST REPORT

Number: GZHT91249837

Applicant: CORTINA N.V.
MEERSBLOEM-MELDEN 42,
9700 OUDENAARDE,BELGIUM
Attn: REBECCA/JENNY

Date: Apr 10, 2024

Sample Description:

Thirteen (13) pairs of submitted samples said to be 15 Gauges Recycled Polyester Knitted Gloves, Palm Coated Latex, Sandy Surface.

Standard	:	ANSI/ISEA 105-2016
Colors	:	Navy/Blue
Size	:	11
Style No./Name	:	ECO PRODRY
Buyer's Name	:	SAFETY JOGGER
Vendor	:	CORTINA
Palm	:	Precycled polyester with latex
Back	:	Precycled polyester with latex
Cuff	:	Recycled polyester with white elastic
Cuff Binding	:	Polyester
Country Of Origin	:	CHINA
Goods Exported To	:	E.U. & U.S.
Date Received/Date Test Started	:	Mar 29, 2024
Date Final Information Confirmed/ Date Payment Received:		Apr 10, 2024/--

Test Result Please Refer To Attached Page(S).

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Guiliang Dong
Senior Lab Manager

EC / lydiayang

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Tests Conducted (As Requested By The Applicant)

1 Cut Resistance (ANSI/ISEA 105-2016, 5.1.1 & ASTM F2992-15)

Test Condition:
Test Area: Glove Palm (No Pretreatment)
Blade Sharpness Correction Factor: 0.89
Coefficient Of Variation: 4.1%

Sample	Specimen	Rating Force (*)
-	1	252 Grams
	2	253 Grams
	3	251 Grams
	Average	252 Grams
	Classification Level (#)	A1

Detailed Results Of Specimen 1

	Load (gf)	Cut Through Distance (mm)	Normalized Cut Through Distance (mm)
1	270	15.4	13.7
2	270	12.9	11.5
3	270	16.5	14.7
4	270	10.5	9.3
5	270	9.5	8.4
6	250	22.6	20.1
7	250	29.9	26.6
8	250	25.5	22.7
9	250	22.8	20.3
10	250	25.1	22.3
11	230	40.0	35.6
12	230	48.5	43.1
13	230	44.8	39.8
14	230	40.5	36.0
15	230	45.5	40.4

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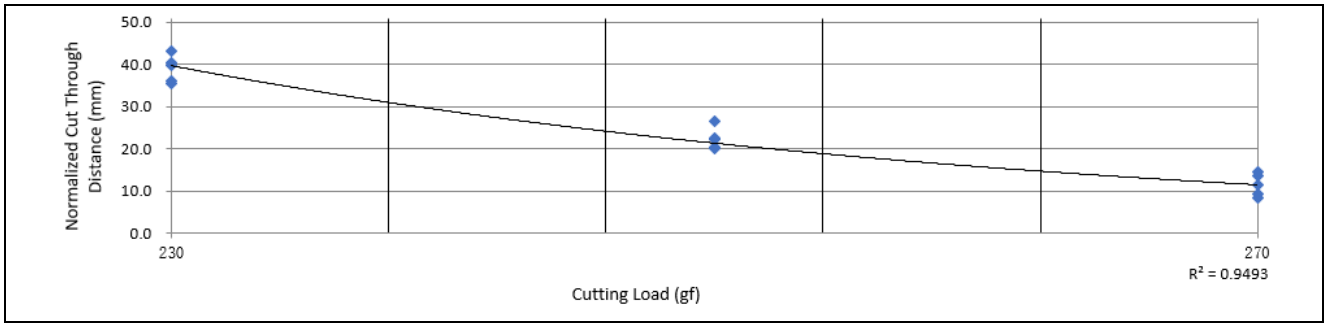
Cut Resistance (ANSI/ISEA 105-2016, 5.1.1 & ASTM F2992-15) (Cont)

Graph Of Load vs. Cut Through Distance



Detailed Results Of Specimen 2

	Load (gf)	Cut Through Distance (mm)	Normalized Cut Through Distance (mm)
1	270	16.9	15.0
2	270	18.6	16.5
3	270	10.1	9.0
4	270	15.6	13.9
5	270	13.5	12.0
6	250	20.2	18.0
7	250	25.4	22.6
8	250	24.8	22.0
9	250	25.6	22.8
10	250	28.4	25.2
11	230	42.1	37.4
12	230	40.5	36.0
13	230	44.0	39.1
14	230	38.6	34.3
15	230	37.4	33.2

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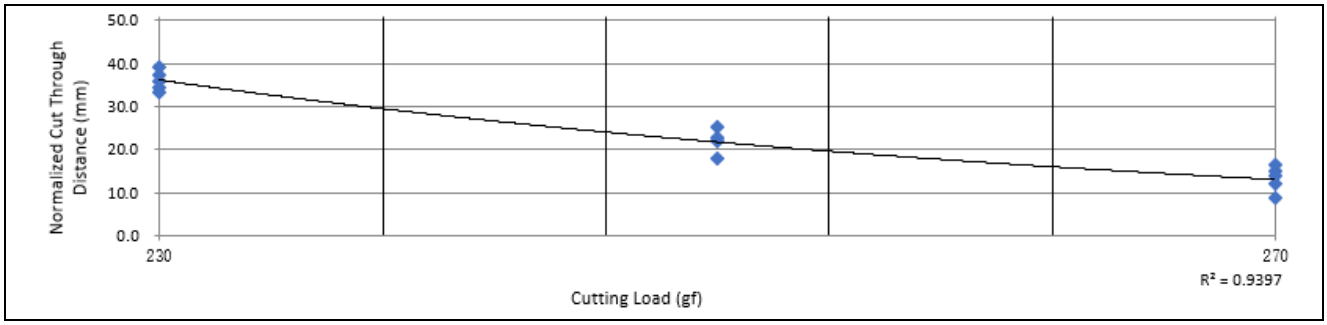
Cut Resistance (ANSI/ISEA 105-2016, 5.1.1 & ASTM F2992-15) (Cont)

Graph Of Load vs. Cut Through Distance



Detailed Results Of Specimen 3

	Load (gf)	Cut Through Distance (mm)	Normalized Cut Through Distance (mm)
1	270	13.3	11.8
2	270	8.9	7.9
3	270	15.2	13.5
4	270	10.5	9.3
5	270	16.2	14.4
6	250	21.2	18.8
7	250	25.2	22.4
8	250	28.1	25.0
9	250	27.2	24.2
10	250	25.3	22.5
11	230	41.2	36.6
12	230	46.2	41.1
13	230	39.1	34.8
14	230	37.2	33.1
15	230	40.5	36.0

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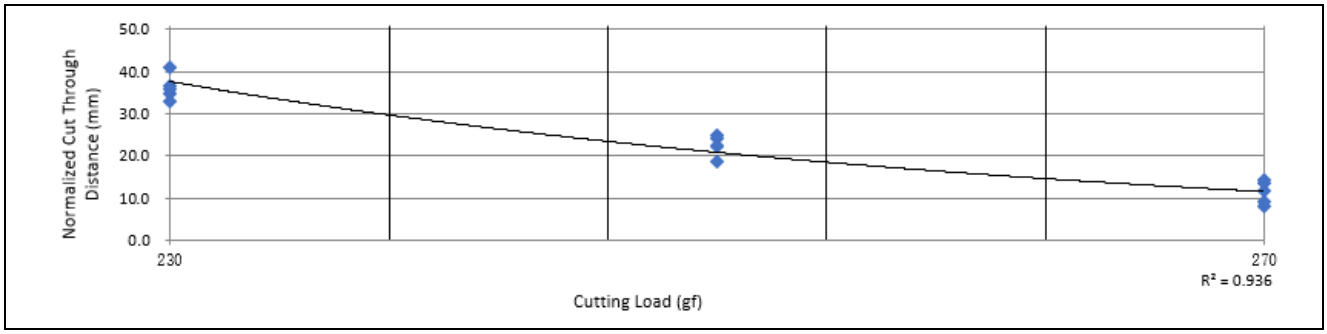
Cut Resistance (ANSI/ISEA 105-2016, 5.1.1 & ASTM F2992-15) (Cont)

Graph Of Load vs. Cut Through Distance



Remark: * = In Cut Resistance Testing, The Load Required To Cause A Cutting Edge To Produce A Cut Through When It Traverses The Reference Distance (20 mm In This Test) Across The Material Being Tested.

\# = Classification Level For Cut Resistance (ANSI-ISEA 105-2016) Is Based On The Average Force Of A Minimum Of 3 Specimens.

Classification For Cut Resistance (ANSI/ISEA 105-2016)	
Level	Weight (Gram) 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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2 Abrasion Resistance (ANSI/ISEA 105-2016, 5.1.4, Abrasion Wheels: H-18, Load: 500 Gram Load For Level 0 To 3, 1000 Gram Load For Level 4 To 6)

Sample	Test Method		ASTM D3389-10
-	Specimen	Test Load (gram)	Abrasion Cycles To Fail
	Specimen 1	500	> 1100
	Specimen 2	500	> 1100
	Specimen 3	500	> 1100
	Specimen 4	500	> 1100
	Specimen 5	500	> 1100
	Average		> 1100
	Specimen 6	1000	2900
	Specimen 7	1000	4200
	Specimen 8	1000	4500
	Specimen 9	1000	2800
	Specimen 10	1000	4000
	Average		3680
	Classification Level (#)		4

Remark: # = The Average Of 5 Specimens Is Used To Report The Classification Level.

Classification For Abrasion Resistance (ANSI/ISEA 105-2016)	
Level (Test At 500 g Load)	Abrasion Cycles To Fail
0	< 100
1	≥ 100
2	≥ 500
3	≥ 1000
Level (Test At 1000 g Load)	
4	≥ 3000
5	≥ 10000
6	≥ 20000

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3 Puncture Resistance (ANSI/ISEA 105-2016, 5.1.2 & EN 388:2016+A1:2018, 6.4)

Sample	(Specimen)	Puncture Force
-	1	41 N
	2	63 N
	3	58 N
	4	45 N
	5	54 N
	6	60 N
	7	52 N
	8	62 N
	9	73 N
	10	72 N
	11	41 N
	12	78 N
	Average Of 12 Specimens	58 N
	Classification Level (*)	2

Remark: * = The Classification Is Determined By The Average Of 12 Specimens.

Classification for puncture resistance (ANSI-ISEA 105-2016)	
Level	Puncture (Newton)
0	< 10
1	≥ 10
2	≥ 20
3	≥ 60
4	≥ 100
5	≥ 150

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End Of Report

Remark:
1. As Requested by the Applicant, For Details Refer to Attached Page (S).
2. All the tested item are tested under the standard condition.
3. The report is valid with commission test only for the test samples in the case of delivering samples by clients.

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