UKAS TESTING
7598

TEST REPORT

Test Report No : 0136-1 **Date** : 17/06/2019

Customer : Industrial Clothings (pvt) Ltd
Industrial Clothings Ltd - Katunayake

Request No : RIC19-0136

Date of Receipt : 13/06/2019

Condition on Receipt : Satisfactory

Sample Description : NINJA HERO, SM3-CBKW5-(MFN)OBK-SIZE/TPR

Date of Performance : From : 13/06/2019 To : 14/06/2019

Testing Atmosphere : Temperature : 23±2 °C RH : 50±5 %

No of Pages : 3

Test Details : Annexed

Comments : Samples are drawn by the customer
This test report replaces RIC Test Report RIC19-0136 dated 14.06.2019 and sample description is ammended as per the customer request.

Test Summary :

TEST METHOD	RESULTS	LEVEL
ASTM F2992 CUT RESISTANCE (g)	1172	**A3**

Refer Annexed Test Details

Authorized Signatory :

Reviewed By:
Lab Executive

Authorized By:
Manager-Compliance

Regional Innovation Centre Laboratory
Spur Road 2, Phase 1, E.P.Z. Katunayake, Sri Lanka
Tel: +94-11-5220100, 2252385-6 Fax: +94-11-2253359, E-mail: info.icl.lk@midassafety.com Web: www.midassafety.com

ADDITIONAL INFORMATIONS / NOTES / REQUIREMENTS

Test Report No: 0136-1 **Date** : 17/06/2019

Sample Description: NINJA HERO, SM3-CBKW5-(MFN)OBK-SIZE/TPR

Requirements: ANSI/ISEA 105-2016

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

Note: 'UoM' denotes estimated Uncertainty of Measurement for stated test results. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, that provides a level of confidence of approximately 95%

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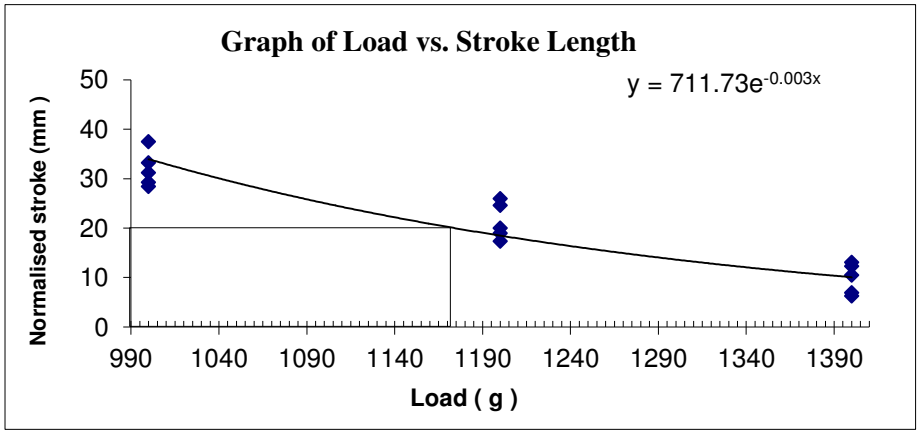
TEST : CUT RESISTANCE TEST- (TDM-100)
TEST METHOD: ASTM F2992/F2992M-15

Test Report No: 0136-1 **Date:** 17/06/2019

Calibration Distance Before(mm)	24.350
Calibration Distance After (mm)	24.182
Blade sharpness factor	0.82
Sample Thickness (mm) :	1.49

Reading No.	Load (g)	Stroke (mm)	Normalised stroke (mm)
1	1400	14.942	12.32
2	1400	15.852	13.07
3	1400	8.420	6.94
4	1400	12.757	10.51
5	1400	7.617	6.278
6	1200	29.872	24.62
7	1200	21.035	17.34
8	1200	23.040	18.99
9	1200	24.312	20.04
10	1200	31.542	26.00
11	1000	34.467	28.41
12	1000	35.555	29.30
13	1000	40.302	33.22
14	1000	37.865	31.21
15	1000	45.487	37.49



r^2 Value: 0.89

Uncertainty of Measurements (UoM) ± 2.00%

Final Estimate (for 20mm cut) (g) 1172 ± 23.44

Final Level A3

Remarks:
Note 1: The test results may be considered to fulfill the requirement of Level 'A3' only.

~~~~~~~ End of Report ~~~~~~~

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