



Client: Gabriel
Hjulgagervej 55
Postbox 59
DK-9100 Aalborg
Denmark

Entry No: 46305-02 (Amended)

Date Received: 11th March 2011

Client's Description: Sample of Fabric Art. Step Article 13-2440 colours 61102 & 62057

TEST REPORT

Tests Required: Abrasion, Pilling and Seam Slippage in accordance with BS EN 14465

Date of Tests: 15.3.11 to 19.4.11

Conditioning: In accordance with BS EN ISO 139 : 2005 for a minimum of 24 hours at 65 +/- 4% Relative Humidity, 20 +/- 2°C where required

Abrasion: BS EN ISO 12947-2 : 1999

The tests were carried out using a pressure of 12 +/- 0.3 kPa
The criterion for judging end point was three threads broken.

| | <u>61102</u> | | <u>62057</u> |
|----------------|--------------|----------------|--------------|
| Specimen 1 | 100,000 rubs | Specimen 1 | 130,000 rubs |
| Specimen 2 | 100,000 rubs | Specimen 2 | 130,000 rubs |
| Specimen 3 | 100,000 rubs | Specimen 3 | 130,000 rubs |
| Specimen 4 | 100,000 rubs | Specimen 4 | 130,000 rubs |
| Overall Result | 100,000 rubs | Overall Result | 130,000 rubs |

Change in colour after
3,000 rubs:- 4-5 4-5

Observation Technique:- 10 Fold Magnification
Type of Fabric:- Flat Woven

Pilling: BS EN ISO 12945-2: 2000
Load 415 g

| | <u>61102</u> | <u>62057</u> |
|--------------------|--------------|--------------|
| After 2,000 rubs:- | 5 | 5 |
| After 5,000 rubs:- | 5 | 5 |

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This is hereby certified to be a correct return of the tests made of the items referred to herein.



1104

G Briggs, Head of Laboratory
Date of original 27th April 2011
Date of amendment 5th May 2011

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days
- ❖ Test marked (*) in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
- ❖ Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- ❖ This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.





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Seam Slippage: BS EN ISO 13936-2 : 2004

| | <u>Mean Seam Opening (mm)</u> | |
|---------------|-------------------------------|--------------|
| | <u>61102</u> | <u>62057</u> |
| Warp Way Seam | 4 | 3 |
| Weft Way Seam | 4 | 4 |

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