



TEST REPORT

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

Entry No: 83214

Date received: 03/03/2017

Client's Description: Sample of fabric: Crisp 4412

Test Required: Abrasion in accordance with BS EN 14465

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

Date Tests Completed: 20/04/2017

Abrasion Resistance: BS EN ISO 12947-2: 1998 / AC 2008

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

Specimen 1	200,000 rubs
Specimen 2	210,000 rubs
Specimen 3	200,000 rubs
Specimen 4	230,000 rubs
Overall Result	200,000 rubs

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

Observation Technique: 10 fold magnification
Type of Fabric: Flat Woven

-----End of Document-----

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

Vivienne Brockbank
Technician
21 April 2017

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
 - ❖ Tests marked ^N in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
 - ❖ Tests marked ^F in this certificate are performed under the Laboratory's Flexible Scope of Accreditation.
 - ❖ Tests marked ^S in this certificate have been subcontracted to another ISO17025 Accredited Laboratory.
 - ❖ Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
 - ❖ Uncertainty budgets for test methods contained within this report are available on request.
- 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.



1104