



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

Entry No: 51476 (Amended)

Date Received: 9th July 2012

Client's Description: 2 Samples of Fabric Art. Harlequin, Colours 60999 & 62044

TEST REPORT

Tests Required: Colour Fastness to Light and Rubbing
Tensile Strength, Stretch and Recovery

Date of Test: 10.7.12 to 16.8.12

Light: BS EN ISO 105 : 1999 BO2 Method 2

The samples were exposed together with Standard References numbers 1-7. By comparison with the standard references the gradings were found to be as follows:-

60999:- 6
62044:- 7

Rubbing Fastness: BS EN ISO 105 – X12 : 2002

		<u>Dry</u>	<u>Wet</u>
<u>Staining</u>			
	60999:-		
	Length	4-5	4-5
	Width	4-5	4-5
62044:-	Length	4-5	4-5
	Width	4-5	4-5

Change in Colour

60999:-	Length	5	5
	Width	5	5
62044:-	Length	5	5
	Width	5	5

Note: Change in colour is not a requirement of the method but was carried out at the request of the client.

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



V Brockbank

V Brockbank, Senior Technician
Date of original 16th August 2012
Date of amendment 20th August 2012

- ❖ 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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Tensile Strength: BS EN ISO 13934-1 : 1999

	<u>Length (N)</u>	<u>Width (N)</u>
60999:-	700	710
62044:-	710	670

Stretch & Recovery: BS EN ISO 14704-1 : 2005

Sample	Results	
27.5N Load 62044	Time @ Full Extension	1 min.
	Time @ Residual Extension	1 & 30 Minutes
	Length	
	Average % Stretch	6.8
	Average % Residual Extension	1 Min = 0/0, 30 Mins = 0.0
	Average % Recovery	1 Min = 100.0, 30 Mins = 100.0
	Width	
	Average % Stretch	9.8
	Average % Residual Extension	1Min = 1.0, 30 Mins = 1.0
	Average % Recovery	1 Min = 99.0, 30 Mins = 99.0
Sample	Results	
27.5N Load 60999	Time @ Full Extension	1 min.
	Time @ Residual Extension	1 & 30 Minutes
	Length	
	Average % Stretch	7.2
	Average % Residual Extension	1 Min = 1.0, 30 Mins = 1.0
	Average % Recovery	1 Min = 99.0, 30 Mins = 99.0
	Width	
	Average % Stretch	8.2
	Average % Residual Extension	1Min = 1.8, 30 Mins = 1.4
	Average % Recovery	1 Min = 98.2, 30 Mins = 98.6

Subcontracted test made by a UKAS Accredited Laboratory

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