

West Yorkshire Materials Testing Service

PO Box 5, Morley, LS27 0QP
Nepshaw Lane South, Morley, Leeds
Tel 0113 253 0241 Fax 0113 252 7029
Head of Laboratory G. Briggs C. Text ATI

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

Entry No: 33023

Date Received: 24th May 2007

Client's Description: 2 Samples of Fabric Design 2416 Arlanda colours 64089 & 60999

TEST REPORT

Tests Required: Colour Fastness to Light, Water, Rubbing, Rubbing with Foam Detergent, and Rubbing with Organic Solvents

Date of Tests: 24.5.07 to 15.6.07

Light: BS EN ISO 105 – BO2 : 1999 Method 2

The samples were exposed in a Xenotest together with standard references numbers 3-7. By comparison with the standard references the gradings were found to be as follows:-

64089	7
60999	7

Water Fastness: BS EN ISO 105 – EO1 : 1996

	<u>Change in colour</u>
64089	5
60999	5

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

G Briggs
Head of Laboratory
18th June 2007

Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.

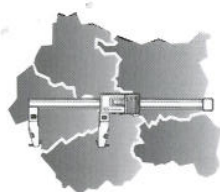
- * Test marked (*) in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
- * Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- * This Certificate relates only to the sample received and, unless that sample has been drawn 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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Rubbing: BS EN ISO – X12 : 2002

		<u>Dry</u>		<u>Wet</u>	
		<u>Warp Way</u>	<u>Weft Way</u>	<u>Warp Way</u>	<u>Weft Way</u>
Staining:-	64089	4-5	4-5	4-5	4-5
	60999	4-5	4-5	4-5	4-5

Change in colour:-

64089	5	5	5	5	5
60999	5	5	5	5	5

Note: Change in colour is not a requirement of the test method and was done only at the request of the client.

***Rubbing:** BS EN ISO 105 – X12 : 2002 but using a foam detergent at the request of the client.

Colour Change:-	<u>Warp Way</u>		<u>Weft Way</u>	
64089	5	5	5	5
60999	5	5	5	5

Rubbing with Organic Solvents: BS EN ISO 105 – DO2 : 1996

		<u>Using Tetrachloroethylene</u>		<u>Using White Spirit</u>	
		<u>Warp Way</u>	<u>Weft Way</u>	<u>Warp Way</u>	<u>Weft Way</u>
64089:-	Staining	4-5	4-5	4-5	4-5
	Change in colour	5	5	5	5
60999:-	Staining	4-5	4-5	4-5	4-5
	Change in colour	5	5	5	5

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

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