



Test Report

No. NB1002213/TX

Date: Sep 17, 2010

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NINGBO MATTHEW SYNTHETIC LEATHER CO., LTD
613 JINDU INTERNATIONAL, NO. 345, SOUTHERN SECTION, HUANCHENG RD, WEST NINGBO,
P.R.CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : One sample of microfiber cutting in pink for Furniture & Upholstery

Style No. : Puma (microfiber R86-12T)

Manufacturer : Ningbo Matthew Synthetic Leather Co., Ltd

Country of Destination : USA, Europe

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : SEP. 10, 2010

Testing Period : SEP. 10, 2010 –SEP. 17, 2010

Test Result(s) : For further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Ltd.

Smile Liu (Account Executive)

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SGS-CSTC Standards Technical Services Co., Ltd.
Hangzhou Branch Testing Services Laboratory

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Test Result

Color Fastness to Rubbing (ISO 105 X12-2001)

Dry staining	4-5
Wet staining	4-5

Remarks: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

Tensile Strength (ISO 13934-1-1999; Instron CRE - 2" Strip)

Length (N)	960
Width (N)	790

Tearing Strength (ISO 13937-3-2000; Wing-rip)

Length yarns torn (N)	105
Width yarns torn (N)	99

Note: length test - test in which the length yarns are torn.
width test - test in which the width yarns are torn.

Seam Performance

Slippage at 180N (ISO 13936-2: 2004; Fixed load method)

Seam // Length (mm)	0.8
Seam // Width (mm)	0.7

Abrasion Resistance (EN ISO 12947-2-1998; Martindale Wear & Abrasion Tester; 9 kPa)

Endpoints (cycles)	>50000
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Adhesion of coating (Ref. ISO 2411:2000)

Test speed	100 mm/min
Conditioning	Dry

Along(N/inch)	73.1
Across(N/inch)	70.5

End of Report

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