



TEST REPORT

TO: CONFER FRAGRANT CO., LTD.

LAB NO.: (6216) 067-0221
DATE IN: MAR. 07, 2016
DATE OUT: MAR. 24, 2016
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PAGE: 1 OF 5
WORKING DAYS: 13

PURPOSE OF TEST: To evaluate the submitted sample in the test requested by the client only.

OVERALL RATING: DATA

SAMPLE DESCRIPTION:

Item Description:	<u>SOLUTION DYED OLEFIN (1PC WITHOUT PACKAGE)</u>
Style No.:	<u>-</u>
P.O.No.:	<u>-</u>
Sources/Vendor:	<u>-</u>
Manufacturer:	<u>-</u>
Orig. Of Country:	<u>-</u>
Size:	<u>-</u>
Color:	<u>-</u>

COMMENTS:

Please see attached Test Results for detailed test data on all requested test.

SUMMARY OF TEST RESULTS

TEST RESULTS	PASS	FAIL	
COLOURFASTNESS TO RUBBING			See test results
RESISTANCE TO SURFACE WETTING: SPRAY TEST			See test results
MARTINDALE ABRASION			See test results
MARTINDALE PILLING			See test results
SLIPPAGE RESISTANCE OF YARNS AT SEAM: FIXED LOAD METHOD			See test results
TEAR PROPERTIES OF FABRICS: SINGLE TEAR METHOD			See test results
TENSILE PROPERTIES OF FABRICS: STRIP METHOD			See test results
COLOURFASTNESS TO WASHING			See test results
AS / NZS4399 UPF TEST			See test results
COLORFASTNESS TO LIGHT			See test results

Remark: BVCPS Contact information for this report.

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**BUREAU VERITAS CONSUMER PRODUCTS SERVICES (H.K.) LIMITED,
TAIWAN BRANCH**



**CHAD HSIEH
HARDLINE OPERATION MANAGER**

REMARKS:

1. This report is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our written permission.
2. Our report is limited to the test samples identified herein. The results set forth in this report are not necessarily indicative or representative of the statistical quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted.
3. Our report includes all the tests requested by you and the results thereof. You shall have thirty days from receipt of this report to request additional testing of the samples or to notify us of any errors or omissions relating to our report; provided, however, such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

TEST RESULT**COLOURFASTNESS TO RUBBING** (ISO 105-X12:2001 / BS EN ISO 105-X12:2002 / DIN EN ISO 105-X12:2002)

DRY	4-5
WET	4-5

RESISTANCE TO SURFACE WETTING: SPRAY TEST (ISO 4920:2012 / BS EN 24920:1992, ORIGINAL)

RATING	ISO 5
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*** REMARK****SPRAY TEST RATING**

ISO 0 – COMPLETE WETTING OF THE ENTIRE FACE OF THE SPECIMEN;

ISO 1 – COMPLETE WETTING OF THE ENTIRE SPECIMEN FACE BEYOND THE SPRAY POINTS;

ISO 2 – PARTIAL WETTING OF THE SPECIMEN FACE BEYOND THE SPRAY POINTS;

ISO 3 – WETTING OF SPECIMEN FACE AT SPRAY POINTS;

ISO 4 – SLIGHT RANDOM STICKING OR WETTING OF THE SPECIMEN FACE;

ISO 5 – NO STICKING OR WETTING OF THE SPECIMEN FACE.

MARTINDALE ABRASION

(BS EN ISO 12947-2:1999) 9±0.2kPa

Sample	Avg.
Revolutions	Over 10000 cycles
(End Point)	Over 15000 cycles

MARTINDALE PILLING (BS EN ISO 12945-2:2000)

Woven Apparel fabric Loading Weight: 415±2 g, Fabric on abrading table: Woven fabric under test (Face/Face)

Sample	Avg.
Grade	4-5

@ 5000 Rev.

SLIPPAGE RESISTANCE OF YARNS AT SEAM: FIXED LOAD METHOD

(ISO 13936-2:2004/ BS EN ISO 13936-2:2004, FORCE APPLIED: 60N/ 120N/ 180N)

WARP WAY SEAM (MM)	3.9
WEFT WAY SEAM (MM)	3.9

TEAR PROPERTIES OF FABRICS: SINGLE TEAR METHOD

(BS EN ISO 13937-3)

ACROSS WARP (N)	153
ACROSS WEFT (N)	140

TENSILE PROPERTIES OF FABRICS: STRIP METHOD

(ISO 13934-1:2013 / BS EN ISO 13934-1:2013, 100/ 200 MM GAUGE LENGTH, 20/100 MM/MIN. RATE OF EXTENSION, 10/50/100 %/MIN RATE OF ELONGATION), PRETENSION: _____N, STAGE OF SPECIMENS: CONDITIONED/ WET,

MAX. FORCE OF RUPTURE						AVG.	
WARP (N)	1890.0	1963.8	1943.2	1945.5	1928.9	1934.3	
WEFT (N)	1422.8	1477.2	1392.1	1461.1	1418.5	1434.4	
ELONGATION AT MAX. FORCE						AVG.	
WARP (%)	45.7	44.0	45.4	45.9	45.4	45.3	
WEFT (%)	34.1	36.7	35.5	35.3	33.9	35.1	

COLOURFASTNESS TO WASHING (BS EN ISO 105 C06, TEST NO. A2S)

COLOR CHANGE	4-5
SELF-STAINING	5
COLOR STAIN ON MULTI-FIBER	4-5
ACETATE	4-5
COTTON	4-5
NYLON	4-5
POLYESTER	4-5
ACRYLIC	4-5
WOOL	4-5

DETERMINATION OF THE UVR TRANSMISSION OF DRY TEXTILE (AS/NZS4399)

No. of Scans	4
Mean UPF (The mean Ultraviolet Protection Factor)	649.548
Mean UV-A Transmittance (mean) %	0.220
Mean UV-B Transmittance (mean) %	0.156
Standard Error	429.421
Calculated UPF	451.763
UPF Rating	50+
Protection Category	Excellent Protection

UPF Range	Protection category	UPF Ratings
15 to 24	Good Protection	15, 20
25 to 39	Very good Protection	25, 30, 35
40 to 50, 50+	Excellent Protection	40, 45, 50, 50+

Remark: Rated UPF=Mean UPF-E (If the Rated UPF determined using 'Mean UPF-E' calculation is less than the lowest individual UPF measurement for the sample, the Rated UPF shall be determined as Rated UPF=lowest UPF measured of individual UPF measurement for the sample)

COLOURFASTNESS TO LIGHT (BS EN ISO 105 B02)

Grade: 8

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