

## TEST REPORT

APPLICANT : DUCKSAN CO., LTD.

REPORT NO. : H214-10-05800

SAMPLE RECEIVED DATE : 2010-03-18

TEST STARTED DATE : 2010-03-18

REPORT ISSUED DATE : 2010-03-24

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SAMPLE DESCRIPTION : TWO(2) PIECES OF SUBMITTED CUTTING SAID TO BE FABRIC.

ITEM : #1 AIR MESH 300G, #2 210D LIPSTOP POLYESTER

TEST CONDUCTED : AS REQUESTED BY THE APPLICANT, FOR DETAILS PLEASE SEE ATTACHED PAGES.

PREPARED AND CHECKED BY  
FOR FITI

Young Ki Lee

YOUNG KI, LEE  
QUALITY MANAGER

AUTHORIZED BY  
FOR FITI

Moon Ok Noh

MOON-OK NOH  
EXECUTIVE DIRECTOR

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**TEST CONDUCTED**
**TEST RESULT**

(01) ARYLAMINES ( EN 14362-2:2003 / § 64 LFGB BVL B 82.02-9:2006 ) : mg/kg

		#1	#2
<u>NAME</u>	<u>CAS NO.</u>		
4-AMINODIPHENYL	92-67-1	ND	ND
BENZIDINE	92-87-5	ND	ND
4-CHLORO-o-TOLUIDINE	95-69-2	ND	ND
2-NAPHTHYLAMINE	91-59-8	ND	ND
o-AMINOAZOTOLUENE	97-56-3	ND	ND
2-AMINO-4-NITROTOLUENE	99-55-8	ND	ND
p-CHLOROANILINE	106-47-8	ND	ND
2,4-DIAMINOANISOLE	615-05-4	ND	ND
4,4'-DIAMINODIPHENYLMETHANE	101-77-9	ND	ND
3,3'-DICHLOBENZIDINE	91-94-1	ND	ND
3,3'-DIMETHOXYBENZIDINE	119-90-4	ND	ND
3,3'-DIMETHYLBENZIDINE	119-93-7	ND	ND
3,3'-DIMETHYL-4,4'-DIAMINODIPHENYLMETHANE	838-88-0	ND	ND
2-METHOXY-5-METHYLBENZENAMINE(p-CRESIDINE)	120-71-8	ND	ND
4,4'-METHYLENE-BIS-(2-CHLOROANILINE)	101-14-4	ND	ND
4,4'-OXYDIANILINE	101-80-4	ND	ND
4,4'-THIODIANILINE	139-65-1	ND	ND
o-TOLUIDINE	95-53-4	ND	ND
2,4-TOLUENEDIAMINE	95-80-7	ND	ND
2,4,5-TRIMETHYLANILINE	137-17-7	ND	ND
4-AMINOAZOBENZENE	60-09-3	ND	ND
o-ANISIDINE	90-04-0	ND	ND
2,4-XYLIDINE	95-68-1	ND	ND
2,6-XYLIDINE	87-62-7	ND	ND

NOTE) REQUIREMENT : 30 mg/kg

DETECTION LIMIT : 5 mg/kg

ND = NOT DETECTED.

(02) DIMENSIONAL STABILITY TO COMMERCIAL DRYCLEANING IN PERCHLOROETHYLENE  
( MODIFIED ISO 3759:2007/ISO 3175-2:2005 ) : %

	#1	#2
WARP	-	-0.4
WEFT	-	-0.2
LENGTH	-1.6	-
WIDTH	-0.4	-

NOTE) (+) MEANS EXTENSION, (-) MEANS SHRINKAGE

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(03) DIMENSIONAL STABILITY TO WASHING ( ISO 5077:2007/ISO 6330:2000, TEST PROGRAMME 5A 40°C ,  
LINE DRY ) : %

	#1	#2
WARP	-	-2.5
WEFT	-	-2.0
LENGTH	-2.0	-
WIDTH	-2.0	-

NOTE) (+) MEANS EXTENSION, (-) MEANS SHRINKAGE

(04) COLORFASTNESS TO PERSPIRATION ( ISO 105 E04:1994 ) : GRADE

	#1	#2
ACID		
COLOR CHANGE	4-5	4-5
COLOR STAINING		
- ACETATE	4	4-5
- COTTON	4-5	4-5
- NYLON	4	4
- POLYESTER	4-5	4-5
- ACRYLIC	4-5	4-5
- WOOL	4-5	4-5
ALKALI		
COLOR CHANGE	4-5	4-5
COLOR STAINING		
- ACETATE	4	4-5
- COTTON	4-5	4-5
- NYLON	4	4
- POLYESTER	4-5	4-5
- ACRYLIC	4-5	4-5
- WOOL	4-5	4-5

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TEST RESULT

(05) pH ( EN 1413:1998 )

#1

#2

6.8

6.8

NOTE) Ph OF EXTRACTING SOLUTION(DISTILLED WATER) : 5.9

TEMP. OF EXTRACTING SOLUTION : 23℃