



**BUREAU
VERITAS**

TEST REPORT

Technical Report: (7526)219-0281

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August 11, 2026



Report Number
(7526)219-0281

Zhejiang Bureau Veritas Consumer
Products Service Shenyue Co., Ltd.
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China
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TEST REPORT

LAB NO.: (7526)219-0281
FORM NO.: /
DATE IN: Aug 07, 2026
DATE OUT: Aug 11, 2026
NO. OF WORKING DAYS: 3
PAGE 2 OF 8

OVERALL RATING

PASS X
FAIL
DATA

Vendor:	CHENGDU DA'AI-GRATITUDE ENVIRO-TECH CO.LTD.SHAOXING BRANCH	Agent:	/
Fabric Supplier/Mill:	/	Factory/Manufacturer:	/
P.O. No.:	/	Style No.:	/
Sample Description:	7030 RECYCLED POLYESTER GRAPHENE FABRIC. ECO- FRIENDLY RECYCLED POLYESTER BASE WITH GRAPHENE FUNCTIONAL TREATMENT, FEATURING WARM KEEPING, ANTI-STATIC AND ANTIBACTERIAL FUNCTIONS, SOFT TOUCH AND STABLE QUALITY.	Style Description:	/
Color:	HEATHER GREY	Country of Origin:	/
Claimed Fabric Weight:	/	Claimed Fabric Count:	/
Yarn Size:	/	Submitted Size:	/
Size Range:	/	FPU No.:	/
GPU No.:	/	End Use:	THIS FABRIC IS USED TO MAKE BLANKETS.
SKU:	/		

Product Category	FABRIC
Test Requested	SELECT TEST
Previous Report No.	/

Submitted Fiber Content	74%RECYCLED POLYESTER 26%GRAPHENE
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 C/N SM 3/F

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Actual Fiber Content	/
Suggested Fiber Content	/
Submitted Care Instruction(s)	MACHINE WASH COLD. TUMBLE DRY LOW.
Client Expected Care Instruction	/
Suggested Care Instruction(s)	/

TEST PROPERTY	PASS	FAIL	DATA	COMMENTS
COLOURFASTNESS TO DOMESTIC AND COMMERCIAL LAUNDERING			X	
COLOURFASTNESS TO RUBBING			X	
COLOURFASTNESS TO WATER			X	
DETERMINATION OF FABRIC WEIGHT			X	
DIMENSIONAL STABILITY TO WASHING			X	
APPEARANCE AFTER WASHING			X	
FABRIC PROPENSITY TO SURFACE PILLING, FUZZING OR MATTING: PILLING BOX METHOD			X	
pH VALUE OF TEXTILES			X	
FIBRE SHEDDING OF LONG PILE FABRIC	X			
AZO DYES IN TEXTILE	X			

**TECHNICAL
QUESTIONS**

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SIGNATURES

Zhejiang Bureau Veritas Consumer Products' Service
Shenyue (Shaoxing)

**GENERAL
INFORMATION**

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Cattery Fang
Lab Manager

<u>TEST PROPERTY</u>	<u>TEST RESULTS</u>	<u>REQUIREMENTS</u>
<u>COLOURFASTNESS TO DOMESTIC AND COMMERCIAL LAUNDERING</u> (ISO 105-C06:2010, MODIFIED,DW, TEST NO: A2S, 30-MIN MECHANICAL WASH AT 30 DEGREE CELSIUS IN 0.4% ECE DETERGENT AND 0.1% SODIUM PERBORATE SOLUTION WITH 10 STEEL BALLS)		
COLOUR CHANGE	4	/
<u>COLOUR STAIN ON</u>		
ACETATE	4-5	/
COTTON	4-5	/
POLYAMIDE	4-5	/
POLYESTER	4-5	/
ACRYLIC	4-5	/
WOOL	4-5	/
<u>COLOURFASTNESS TO RUBBING</u> (ISO 105-X12:2016)		
LENGTH		
COLOUR STAINING - DRY	4-5	/
COLOUR STAINING - WET	4-5	/
WIDTH		
COLOUR STAINING - DRY	4-5	/
COLOUR STAINING - WET	4-5	/
<u>COLOURFASTNESS TO WATER</u> (ISO 105-E01:2013, MULTIFIBRE DW)		
COLOUR CHANGE	4	/
<u>COLOUR STAIN ON</u>		
ACETATE	4-5	/
COTTON	4-5	/
NYLON/POLYAMIDE	4-5	/
POLYESTER	4-5	/
ACRYLIC	4-5	/
WOOL	4-5	/
<u>DETERMINATION OF FABRIC WEIGHT</u> (BS EN 12127: 1998 / ISO 3801: 1977)		
G. / SQ. M	305	/
OZ / SQ. YD	9.00	/ As Claim (N/A)

<u>TEST PROPERTY</u>	<u>TEST RESULTS</u>	<u>REQUIREMENTS</u>
<u>DIMENSIONAL STABILITY TO WASHING</u> (ISO 6330:2021, TEST NO. 3N, MACHINE WASH AT 30 DEGREE CELSIUS, TUMBLE DRY LOW, AFTER ONE WASH)		
	(GENERAL)	
LENGTH	0.0%	/
WIDTH	-0.3%	/
<u>APPEARANCE AFTER WASHING</u> (ISO 6330:2021)		
TEST NO. 3N, MACHINE WASH AT 30 DEGREE CELSIUS, TUMBLE DRY LOW, AFTER 1 WASH		
COLOR CHANGE	4	/
PILLING	4	/
ANY OBSERVED DEFECTS	SATISFACTORY	/
<u>pH VALUE OF TEXTILES - ISO 3071: 2020</u> (ISO 3071: 2020)		
pH VALUE	6.7	/
<u>FIBRE SHEDDING OF LONG PILE FABRIC</u> (CPSD-SL-31071-MTHD)		
PILE LENGTH (MM)	4	/
LEVEL OF PILE SHEDDING (GRADE)	4	MIN. GRADE 3

<u>TEST PROPERTY</u>	<u>TEST RESULTS</u>	<u>REQUIREMENTS</u>
<u>FABRIC PROPENSITY TO SURFACE PILLING, FUZZING OR MATTING:</u>		
<u>PILLING BOX METHOD</u> (ISO 12945-1:2020, 14400R)		
PILLING (GRADE)	3	/
FUZZING (GRADE)	3-4	/
MATTING (GRADE)	3-4	/
 PILLING GRADING SCHEME		
GRADE 5 NO CHANGE		
GRADE 4 PARTIALLY FORMED PILLS		
GRADE 3 MODERATE PILLING - PILLS OF VARYING SIZE AND DENSITY PARTIALLY COVERING THE SPECIMEN SURFACE		
GRADE 2 DISTINCT PILLING - PILLS OF VARYING SIZE AND DENSITY COVERING A LARGE PROPORTION OF THE SPECIMEN SURFACE		
GRADE 1 SEVERE PILLING - PILLS OF VARYING SIZE AND DENSITY COVERING THE WHOLE OF THE SPECIMEN SURFACE		
 FUZZING GRADING SCHEME		
GRADE 5 NO CHANGE		
GRADE 4 SLIGHT SURFACE FUZZING		
GRADE 3 MODERATE SURFACE FUZZING		
GRADE 2 DISTINCT SURFACE FUZZING		
GRADE 1 DENSE SURFACE FUZZING		
 MATTING GRADING SCHEME		
GRADE 5 NO CHANGE		
GRADE 4 SLIGHT SURFACE MATTING		
GRADE 3 MODERATE SURFACE MATTING		
GRADE 2 DISTINCT SURFACE MATTING		
GRADE 1 DENSE SURFACE MATTING		
 COLORFASTNESS RATING		
COLOR CHANGE	COLORFASTNESS RATING	
5 NEGLIGIBLE OR NO CHANGE	COLOR STAIN	
4 SLIGHTLY CHANGED	SELF STAINING	
3 NOTICEABLY CHANGED	5 NEGLIGIBLE OR NO STAINING	
2 CONSIDERABLY CHANGED	4 SLIGHTLY STAINED	
1 MUCH CHANGED	3 NOTICEABLY STAINED	
	2 CONSIDERABLY STAINED	
	1 HEAVILY STAINED	

<u>TEST PROPERTY</u>		<u>TEST RESULTS</u>		<u>REQUIREMENTS</u>	
<u>Azo dyes in textile</u>					
Method		: EN ISO 14362-1:2017			
Parameter	CAS No.	Unit	Detection Limit	Result	Limit
				I001	
4-Aminobiphenyl	92-67-1	ppm	5	ND	30
Benzidine	92-87-5	ppm	5	ND	30
4-Chlor-2-toluidine	95-69-2	ppm	5	ND	30
2-Naphthylamine	91-59-8	ppm	5	ND	30
o-Aminoazotoluene	97-56-3	ppm	5	ND	30
5-nitro-o-toluidine (2-Amino-4-nitrotoluene)	99-55-8	ppm	5	ND	30
p-Chloroaniline	106-47-8	ppm	5	ND	30
2,4-Diaminoanisole	615-05-4	ppm	5	ND	30
4,4'-Diaminodiphenylmethane	101-77-9	ppm	5	ND	30
3,3'-Dichlorobenzidine	91-94-1	ppm	5	ND	30
3,3'-Dimethoxybenzidine	119-90-4	ppm	5	ND	30
3,3'-Dimethylbenzidine	119-93-7	ppm	5	ND	30
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	ppm	5	ND	30
p-Cresidine	120-71-8	ppm	5	ND	30
4,4'-Methylenebis-(2-chloraniline)	101-14-4	ppm	5	ND	30
4,4'-Oxydianiline	101-80-4	ppm	5	ND	30
4,4'-Thiodianiline	139-65-1	ppm	5	ND	30
o-Toluidine	95-53-4	ppm	5	ND	30
2,4-Diaminotoluene	95-80-7	ppm	5	ND	30
2,4,5-Trimethylaniline	137-17-7	ppm	5	ND	30
2,4-Xylidine	95-68-1	ppm	5	ND	30
2,6-Xylidine	87-62-7	ppm	5	ND	30
2-Methoxyaniline (o-Anisidine)	90-04-0	ppm	5	ND	30
p-Aminoazobenzene	60-09-3	ppm	5	ND	30
Conclusion	-	-	-	PASS	-

-----End of Report-----

Statement: The Testing basis of this report is only for the use of a specific entrusting party and has no social proof function.