

REPORT NUMBER:

HKGT04323317





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Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute Hong Kong Association for Testing, Inspection and Certification Limited
American Society for Testing and Materials Hong Kong Toys Council
British Standards Institute

Number: HKGT04323317

TEST REPORT

Applicant: H K SUNSHINE INTERNATIONAL CO LTD
A2406 WANDA CENTER
BAOZHOU ROAD
QUANZHOU FUJIAN
CHINA 362100

Date: Mar 14, 2016

Attn: SALLY ZENG

Sample Description For Material As Declared :

No. Of Sample : One
Fibre Content : 100% Polypropylene
Material Description : Nonwoven Fabric
Finishing : -
End Uses : Ikea Pillow Case, Mattress
Colour : White
Supplier Name : H.K. SUNSHINE INTERNAIONAL CO. LTD
Supplier Number : 30000
Buyer's Name : Ikea
Materials Producer Name : SUNSHINE
Lot/Batch No. : -
How sample was taken : -
Where sample was taken : -
Date Stamp/Production Date : -
Contact Person in IKEA : -
(Name/Email)
IKEA Office Location : -
Ref. : Form No. -

Applicant's Provided Care Instruction/Label :

Do Not Wash

Date Received/Date Test Started : Mar 09, 2016

For and on behalf of
Intertek Testing Services Hong Kong Limited

Jason Y.M. Ho
Vice President





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Tests Conducted On Submitted Sample (As Requested By The Applicant)

1 Fibre Composition Analysis (IOS-TM-0007 Date 2014-01-17, Refer : ISO 1833-2006, Part 16):

Polypropylene* 100%

Remark : *By Infra-Red spectrophotometry

2 pH Value (IOS-TM-0007 Date 2014-01-17, Refer : ISO 3071-2005):

7.1

Remark : Type of Extracting solution used: distilled water
pH value and temperature of extracting solution: 6.0 and 21.0°C

3 Dimensional Stability To Washing (IOS-TM-0007 Date 2014-01-17, Refer: ISO 3759-2011/ISO 5077-2007/ISO 6330-2012, Wascator Washing Machine-Front-Loading Horizontal Rotating Drum Type, Test Programme 4N, 40°C With 100% Polyester 2 kg Total Load, In 20 g Non-Phosphate Reference Detergent 3, Followed By Line Dry):

After One Wash

Before Ironing

Warp	N/A
Weft	N/A

After Ironing

Warp	N/A
Weft	N/A

Remark : (+) Means Extension and (-) Means Shrinkage
N/A = Not applicable due to unwashable (Washing)

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Tests Conducted On Submitted Sample (As Requested By The Applicant)

- 4 Colour Fastness To Washing (IOS-TM-0007 Date 2014-01-17, Refer: ISO 105 C06 A2S-2010, Single Test, 30 Minutes Mechanical Wash At 40°C In 0.4% ECE Reference Detergent And 0.1% Sodium Perborate Solution With 10 Steel Balls):

Colour Change	N/A
Colour Staining	
-Acetate	N/A
-Cotton	N/A
-Nylon	N/A
-Polyester	N/A
-Acrylic	N/A
-Wool	N/A

Remark : N/A = Not applicable due to unwashable (Washing)

- 5 Colour Fastness To Rubbing (IOS-TM-0007 Date 2014-01-17, Refer: ISO 105 X12-2001):

<u>Colour Staining</u>	<u>Warp/Lengthwise</u>	<u>Weft/Widthwise</u>
Dry	5	5
Wet	5	5

<u>Colour Change</u>	<u>Warp/Lengthwise</u>	<u>Weft/Widthwise</u>
Dry	4-5	4-5
Wet	4-5	4-5

Remark : Size of rubbing finger is 16 mm diameter

- 6 Colour Fastness To Perspiration (IOS-TM-0007 Date 2014-01-17, Refer: ISO 105 E04-2013):

	<u>Acid</u>	<u>Alkaline</u>
Colour Change	4-5	4-5
Colour Staining		
-Acetate	5	5
-Cotton	5	5
-Nylon	5	5
-Polyester	5	5
-Acrylic	5	5
-Wool	5	5



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- 7 Colour Fastness To Light (IOS-TM-0007 Date 2014-01-17, Refer: ISO 105 B02-2014, Exposure Cycle A1, Method 3, Modified, Xenon-Arc Lamp, Deutsche Echtheitskommission Blue Wool Reference):

Grade >6

- 8 Weight Per Unit Area Of Non-Woven Fabric (IOS-TM-0007 Date 2014-01-17, Refer: ISO 9073-1:1989):

Specimen 1	36.7 g/m ²
Specimen 2	39.6 g/m ²
Specimen 3	40.4 g/m ²
Average	38.9 g/m ²

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- 9 Flammability Test (IOS-TM-0007 Date 2014-01-17):
IKEA Standard (Reference To 16 CFR Part 1610 (As Amendment In 2008))

☒ Plain Surface ☐ Raised Surface

Prelim Plain Surface :	Prelim Plain Surface :
Length : IBE	Length : IBE
Width : IBE	Width : IBE

Burn Direction : <input checked="" type="checkbox"/> Length <input type="checkbox"/> Width	Burn Direction : <input checked="" type="checkbox"/> Length <input type="checkbox"/> Width
Original (seconds)	After One Drycleaning/Laundering# (seconds)
1. IBE	1. IBE
2. IBE	2. IBE
3. IBE	3. IBE
4. IBE	4. IBE
5. IBE	5. IBE
6. -	6. -
7. -	7. -
8. -	8. -
9. -	9. -
10. -	10. -



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Flammability Test (Cont'd)

Explanation Of Flammability Results:

DNI	Did not ignite.
IBE	Ignited, but extinguished.
___ sec	Actual burn time measured.
SF uc	Surface flash under cord. No time shown since the surface flash did not break the stop thread.
SF pw	Surface flash part way. No time shown because the surface flash did not reach the stop thread.
SF poi	Surface flash, at point of impingement (point where the flame is applied).
___ sec SF only	Time in seconds, surface flash only. No damage to the base fabric.
___ sec SFBB	Time in seconds, surface flash base burn starting at places other than the point of impingement.
___ sec SFBB poi	Time in seconds, Surface flash base burn starting at the point impingement.
___ sec SFBB poi*	Time in seconds, Surface flash base burn possibly starting at the point impingement. The asterisk is accompanied by the statement "unable to make an absolute determination of the source of base burn".

Cleansing Condition : The Sample Was First Undergone Drycleaning In Perchloroethylene With Cationic Detergent And Then Washed Accordance With AATCC 124-2006, Test No. (1)IVA(III), 12 Minutes Machine Wash At 120°F, Normal Cycle, Followed By Tumble Dry Permanent Press.

End of Report

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