



Test Report

Test Report No.:28161252

Test Type : Verifying Test
Issue Date : 22/12/23(DD/MM/YY)
Date(s) of testing : 18/12/23 to 22/12/23
Sample Receive Date : 18/12/23

Client Information:

Supplier No. : S2618
Client Company Name : Guangdong Synwin Non Woven Technology Co., Ltd
Contact Address : No.,39 Xingye Road,Ganglian Industrial ZONE,LISHUI,NANHAI
DISTRICT,FOSHAN CITY,GUANGDONG,P.R.CHINA
Client Contact Person : Kathy
IKEA Contacts Person : /

The following information is provided by the applicant and who is responsible for its authenticity:

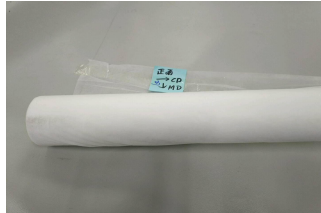
Article No. : /
Article Name : Non woven 17
gr White 100%
polypropylene
Article Production Date : /
Material Producer : Guangdong
Synwin Non
Woven
Technology
Co., Ltd
Material Description : 100% Polypropylene
Material Batch Number/Production Date : SYP2310014
Identification Code : /
End Uses Type : IOS-MAT-0171:AA-2139819-1
Fibre Content : 100% polypylene
Construction : spunbond
Treatment : non-FR Treated
How and where the sample was taken : /
Previous test report number if retest : /
Care Label : /
Sample Description : 17gsm(PP non woven fabric)
Additional Information : /

Layer Information:

Test Report No.: 28161252



Information By Lab : /



Test Item:

1. pH value in textile, ISO3071
2. Formaldehyde ISO 14184-1
3. Color fastness to perspiration ISO 105-E04
4. Color fastness to water ISO 105-E01
5. Color fastness to rubbing dry ISO 105-X12
6. Determination of size ISO 22198
7. Determination of mass per unit area, EN 12127
8. Flammability of textiles, 16 CFR 1610
9. Flame Resistance — 45° Angle Test — One-Second Flame Impingement, CAN/CGSB-4.2 No. 27.5

Remark:

"Inconclusive": combined with the expanded uncertainty, unable to rate the result due to the result both in and out of the limit.

"/": unable to rate the result due to no limit offered or test result is N.A. / N.T. /N.R.*.

*For further details, pls refer to the following page(s).

Lars Wretman
ITCS Managing Director

Fay Wang
Lab Manager
Approved Signatory

The test results exclusively relate to the samples under test sent by customer.

The test report shall not be reproduced except in full, without the written approval of our laboratory.

The test report is not to prove to the society, as well as import & export commodity inspection in China.



1.Determination of pH of Aqueous Extract (Refer to IOS-TM-0007: AA-300792-15, ISO 3071: 2020, Extract by KCl Solution):

	Results
pH Value	9.6
Temperature of Extracting Solution, °C	20
pH of KCl Solution	5.54

2.Determination of Formaldehyde (Refer to IOS-TM-0007: AA-300792-15, ISO 14184-1:2011):

	Results
Formaldehyde Content (mg/kg)	Not detectable

3.Colour Fastness to Perspiration (Refer to IOS-TM-0007: AA-300792-15, ISO 105-E04: 2013):

	Results (Acid)	Results (Alkaline)
Colour Change	4-5	4-5
Colour Staining-Acetate	4-5	4-5
Colour Staining-Bleached Cotton	4-5	4-5
Colour Staining-Polyamide	4-5	4-5
Colour Staining-Polyester	4-5	4-5
Colour Staining-Acrylic	4-5	4-5
Colour Staining-Wool	4-5	4-5

4.Colour Fastness to Water (Refer to IOS-TM-0007: AA-300792-15, ISO 105-E01: 2013):

	Results
Colour Change	4-5
Colour Staining-Acetate	4-5
Colour Staining-Bleached Cotton	4-5
Colour Staining-Polyamide	4-5
Colour Staining-Polyester	4-5
Colour Staining-Acrylic	4-5
Colour Staining-Wool	4-5

5.Colour Fastness to Rubbing (Refer to IOS-TM-0007: AA-300792-15, ISO 105-X12: 2016):

	Results
Colour Change-Dry	4-5
Colour Staining-Dry	4-5

Remark:

- Size of rubbing finger is 16mm diameter.

6.Determination of Size (Refer to ISO 22198: 2006):

	Results
Full Width(m)	1.61

Remark:

- The marked table was not used when measuring the length longer than 1m.

7.Determination of mass per unit area (Refer to IOS-TM-0007: AA-300792-15, EN 12127:1997):

	Results
Fabric Weight (g/m ²), Average	16.1
Fabric Weight (g/m ²), #1	15.6
Fabric Weight (g/m ²), #2	15.4
Fabric Weight (g/m ²), #3	15.5
Fabric Weight (g/m ²), #4	17.1





	Results
Fabric Weight (g/m ²), #5	16.7

Remark:

- Conditioning: Temperature: (20±2)°C, Relative humidity: (65±4)%.

8.Flammability of textiles, 16 CFR 1610 (1-1-22 Edition)

	Test result	
Flammability of textiles, 16 CFR 1610 (1-1-22 Edition), Evaluation according to IOS-TM-0007:AA-300792-15, Original state:	IBE	*
Flammability of textiles, 16 CFR 1610 (1-1-22 Edition), Evaluation according to IOS-TM-0007:AA-300792-15, After one drycleaning/laundrying:	IBE	*
The classification system used in 16 CFR 1610 shall not be reported.		

9.Flammability of textiles, CAN/CGSB-4.2 No. 27.5

	Test result	
Textile test methods: Flame Resistance — 45° Angle Test — One-Second Flame Impingement, CAN/CGSB-4.2 No. 27.5-2023 and IOS-TM-0007:AA-300792-15, Original state	IBE	*





Comments

Refer to 16 CFR Part 1610(1-1-22 Edition), IOS-TM-0007:AA-300792-15					
Plain Surface:		X	Raised Surface:		
Preliminary trial results					
Original			After one drycleaning/laundrying		
Description	Result code*	Time(s)	Description	Result code*	Time(s)
Face & Lengthwise	IBE	/	Face & Lengthwise	IBE	/
Face & Widthwise	IBE	/	Face & Widthwise	IBE	/
Reverse & Lengthwise	IBE	/	Reverse & Lengthwise	IBE	/
Reverse & Widthwise	IBE	/	Reverse & Widthwise	IBE	/
Test results					
Original (Face & Lengthwise)			After one drycleaning/laundrying (Face & Lengthwise)		
Sample	Result code*	Time(s)	Sample	Result code*	Time(s)
1	IBE	/	1	IBE	/
2	IBE	/	2	IBE	/
3	IBE	/	3	IBE	/
4	IBE	/	4	IBE	/
5	IBE	/	5	IBE	/
Average Flame Spread Time(s):		/	Average Flame Spread Time(s):		/
<p>* DNI Did Not Ignite; IBE Ignited But Extinguished; ._ sec Actual burn time measured. SF pw Surface Flash part way; SF poi Surface Flash, at point of impingement; SF uc Surface Flash under cord. SF only Surface Flash only, time in seconds, no damage to the base fabric; SFBB Surface Flash Base Burn. Time in seconds, base burn starting at place other than impingement. SFBB poi Surface Flash Base Burn. Time in seconds, base burn starting at the point of impingement. SFBB poi* The asterisk (*) is accompanied by the statement "unable to make an absolute determination of the source of base burn".</p>					





Refer to CAN/CGSB-4.2 No. 27.5 and IOS-TM-0007:AA-300792-15, 16mm flame applied for 1 second		
Plain Surface:	<input checked="" type="checkbox"/>	Raised Surface:
Direction Tested (The direction of more rapid burning): Face & Length		
Sample No. (Original)	Result code*	Time(s)
1	IBE	/
2	IBE	/
3	IBE	/
4	IBE	/
5	IBE	/
Average Flame Spread Time(s):		/
<p>* DNI Did Not Ignite; IBE Ignited But Extinguished; SF pw Surface Flash part way; SF poi Surface Flash, at the point of impingement only (equivalent to "did not ignite" for plain surfaces). SFBB Surface Flash Base Burn. Time in seconds, base burn starting at place other than impingement. SFBB poi Surface Flash Base Burn. Time in seconds, base burn starting at the point of impingement. SFBB poi* The asterisk (*) is accompanied by the statement "unable to make an absolute determination of the source of base burn". 0.0s Actual time of burn from ignition until the flame severs the cord directly above the specimen.</p>		

Following symbols are used in fire test:

- +** Conforms to requirement
- +*** Conforms to requirement, see comment/s
- Does not conform to requirement, see comment/s, if any
- *** See comment/s
- N.T.** Test not performed, see comment/s
- N.A.** Test not applicable to tested object

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

