

Test Report

No. AJHG1507005673FB

Date: JUL.17, 2015

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LONGQUAN HONGYE PLASTIC CO., LTD.

ZHEJIANG LONGQUAN INDUSTRIAL PARK, DONG LING ROAD NO. 1

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description: BLACK NONWOVENS AMOUNT OF 3%HY-F08W FLAME RETARDANT
MASTERBATCH

Test Requested:

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No.1324 (amended 1989,1993 and 2010), Schedule 4, Part II, Cigarette test for invisible parts

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No.1324 (amended 1989,1993 and 2010), Schedule 5, Part III, Match test for invisible parts

As specified in above standard(s) and incorporated with using ignition source 0 and 1 of BS 5852: Part 1:1979.

Test Results: -- See attached sheet --

Conclusion: The tested sample **Meets** the Requirements of Schedule 4, Part II and Schedule 5, Part III In Statutory Instrument 1988 No.1324 (Amended 1989,1993 and 2010) the Furniture and Furnishings (Fire) (Safety) Regulations.

Test Period:

Sample Receiving Date : JUL.10, 2015

Test Performing Date : JUL.10, 2015 TO JUL.16, 2015

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji BranchAllen Zou
Technical Manager

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Test Conducted

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (amended 1989,1993 and 2010), Schedule 4, Part II, Ignitability test for Invisible parts of cover fabrics,
Cigarette Test (Ignition Source 0)
Schedule 5, Part III, Ignitability test for Invisible parts of cover fabrics,
Match Test (Ignition Source 1)

Conditioning

Prior to testing: The sample was Conditioned at least 72 h in indoor ambient conditions and 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%.

At time of testing: Temperature between 15°C ~ 30°C and Relative humidity between 20% ~ 70%

Test results

The following test results only to the ignitability of the combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

(A) Smouldering Cigarette test Criteria	1 st	2 nd
9.2.3 Whether the evidence of progressive smouldering or flaming is observed in the interior and/or cover	NO	NO
9.2.4 Whether progressive smouldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	NO	NO
9.2.5 Whether progressive smouldering is observed on final examination when dismantle assembly and examine internally	NO	NO
(B) Butane Flame test Criteria	1 st	2 nd
9.3.4 Whether the evidence of flaming or progressive smouldering in the interior and/or cover is observed beyond 120s of the removal of the burner tube	NO	NO
9.4 On final examination whether progressive smouldering is observed when dismantle assembly and examine internally	NO	NO

To be continued....



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Test Details:

Cigarette Test		
Specimen No.	1st	2nd
Ignition (I) / Did not ignite (DNI) / Ignite but extinguished (IBE) / Surface flash burn (SFB)	DNI	DNI
Progressive smouldering (PS) or Flaming (F)	NO	NO
Duration of	Ignition source (min, sec)	21min19s
	Flames (min, sec)	0s
	Smoke (min, sec)	21min24s
Final examination of progressive smouldering (9.4)	NO	NO
Reason for failure (Ref to failure code)	--	--
Comments & observations	--	--
Overall Result	PASS	PASS

Match Test		
Specimen No.	1st	2nd
Ignition (I) / Did not ignite (DNI) / Ignite but extinguished (IBE) / Surface flash burn (SFB)	DNI	DNI
Progressive smouldering (PS) or Flaming (F)	NO	NO
Duration of	Ignition source (19-21 sec)	20s
	Flames (min, sec)	0s
	Smoke (min, sec)	15s
Final examination of progressive smouldering (9.4)	NO	NO
Reason for failure (Ref to failure code)	--	--
Comments & observations	--	--
Overall Result	PASS	PASS

Statements: In the Cigarette test, the submitted sample was tested in combination with standard worse case scenario non-flame retardant conventional polyurethane foam as specified in the Regulations.

In the Match test, the submitted sample was tested in combination with Combustion Modified High Resilient (CMHR) Foam as specified in Schedule 5 Part II of the Regulations.

To be continued....



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Photo Appendix:

Details of sample:

Color: Black

This non-woven fabric sample of approximate density of 80g/m².



SGS authenticate the photo on original report only

*** End of Report ***