

Test Report

No. QD1400594/TX

Date: Jan. 21, 2014

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QINGDAO YIHE PACKING PRODUCTS MANUFACTURER
NO.118, YINGPU ROAD, BEI'AN AREA, JIMO, QINGDAO, CHINA

The Following sample(s) was/were submitted and identified by the client as

Sample Description : One sample of PP nonwoven fire-retardent cutting in black
Manufacturer : QINGDAO YIHE PACKING PRODUCTS MANUFACTURER
Test Performed : Selected test(s) as requested by applicant

* * * * *

Sample Receiving Date : JAN. 10, 2014
Test Performing Period : JAN. 10, 2014 - JAN. 21, 2014
Test Result(s) : For further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Ltd.

Jenny Li (Account Executive)



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SGS-CSTC Standards Technical Services Co., Ltd.
Qingdao Branch Testing Laboratory

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Test Result**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.

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 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%



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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

Test Details:

Cigarette Test			
Specimen No.		1 st	2 nd
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)	20min18s	20min16s
	Flames (min, sec)	0s	0s
	Smoke (min, sec)	20min27s	20min23s
Final examination of progressive smouldering (9.4)		NO	NO
Reason for failure (Ref to failure code)		--	--
Comments & observations		--	--
Overall Result		PASS	PASS



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Match Test		
Specimen No.	1 st	2 nd
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.

Photo Appendix:

Details of sample:

Color: Black

The test was carried out by a SGS laboratory.



End of Report



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