
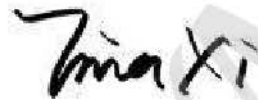


XM TEXTILES  
ROOM 2403, ZHONGYI INTERNATIONAL BUSINESS OFFAIRS BUILDING, NO. 1833, NORTH ZHONGSHAN ROAD, PUTUO, SHANGHAI

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

Sample Description : Woven fabric: Etna 99% cotton 1% antistatic 350gsm satin 4/1 FR in royal blue  
Order No. : FL-05  
Proposed Care Instruction :   
Test Performed : Selected test(s) as requested by applicant  
Sample Receiving Date : May 20, 2013  
Testing Period : May 20, 2013 TO Jun 07, 2013  
Test Result(s) : For further details, please refer to the following page(s).

Signed for and on behalf of  
SGS-CSTC Ltd.



Tina Xi  
Account Executive

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**Test Result**

**Protective clothing- clothing to protect against heat and flame**

**General requirements of limited flame spread**(Ref . ISO 11612:2008 Clause 6.3/ ISO 15025:2000 procedure A)

After 50 washes

Sample	Material						Average
	Length wise			Width wise			
Specimen	1	2	3	1	2	3	
The after flame Time (second)	NIL	NIL	NIL	NIL	NIL	NIL	NIL
The afterglow Time(second)	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Flaming to the top or either side edge	N	N	N	N	N	N	/
Melt or suffer flaming or molten debris	N	N	N	N	N	N	/
Hole formation	N	N	N	N	N	N	/

**Remarks:** Flame application time: 10 seconds  
Y-Yes N- No

**Requirements:**

- No specimen shall suffer flaming to the top or either side edge;
- No specimen shall suffer hole formation;
- No specimen shall melt or suffer flaming or molten debris;
- The mean value of afterflame time shall be  $\leq 2s$ ;
- The mean value of afterglow time shall be  $\leq 2s$ ;

**Type of ignition:** Surface ignition(A1)

**Cleaning:** (Ref .ISO 6330: 2012: procedure No. 7N; Using horizontal axis, front-loading type machine: Machine wash at 75°C with 2kg total dry mass(type I (100% cotton) ballast + specimen)and 'ECE' (A) detergent + sodium perborate + TAED, tumble dry low)

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**Protective clothing- clothing to protect against heat and flame**

**General requirements of limited flame spread**(Ref . ISO 11612:2008 Clause 6.3/ ISO 15025:2000 procedure A)

**After 100 washes**

Sample	Material						Average
	Length wise			Width wise			
Specimen	1	2	3	1	2	3	
The after flame Time (second)	NIL	1.8	NIL	1.2	NIL	NIL	0.5
The afterglow Time(second)	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Flaming to the top or either side edge	N	N	N	N	N	N	/
Melt or suffer flaming or molten debris	N	N	N	N	N	N	/
Hole formation	N	N	N	N	N	N	/

Remarks: Flame application time: 10 seconds  
Y-Yes N- No

**Requirements:**

- No specimen shall suffer flaming to the top or either side edge;
- No specimen shall suffer hole formation;
- No specimen shall melt or suffer flaming or molten debris;
- The mean value of afterflame time shall be  $\leq 2s$ ;
- The mean value of afterglow time shall be  $\leq 2s$ ;

**Type of ignition:** Surface ignition(A1)

**Cleaning:** (Ref .ISO 6330: 2012: procedure No. 7N; Using horizontal axis, front-loading type machine: Machine wash at 75°C with 2kg total dry mass(type I (100% cotton) ballast + specimen)and 'ECE' (A) detergent + sodium perborate + TAED, tumble dry low)

\*\*\* End of Report \*\*\*

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