



TEST REPORT

No. : GZMR111022843

Date : Dec. 14, 2011

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HAINAN FUWANG INDUSTRIAL CO., LTD

ROOM 9B, BEIJING BUILDING, A6 GARDEN, FINANCIAL & TRADING ZONE, HAIKOU, CHINA

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

Sample Name : PHENOLIC COTTON CLOTH LAMINATED SHEET
Spec. : NEMA CE
SGS Ref No. : GP111001574
Test Performed : Selected test(s) as requested by applicant
Date of Receipt : Oct. 12, 2011
Test Period : Oct. 12, 2011 to Oct. 18, 2011

Test result(s) : Please refer to the following page(s)

*****To be continued*****

Signed for and on behalf of
SGS-CSTC Ltd.

Cathy Peng
Technical Supervisor

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Test Information:

Sample description: See photo

No.	Test item	Test method	Test condition	Result
1	IZOD notched Impact strength (lengthwise)	ASTM D229-01 Section 26 and ASTM D256-10 Method A	Specimen width: 3.08mm The capacity of pendulum: 1J	1.35ft-lb/in C(complete break)
	IZOD notched Impact strength (crosswise)		Specimen width: 3.10mm The capacity of pendulum: 1J	1.33ft-lb/in C(complete break)
2	Flexural strength(lengthwise)	ASTM D229-01 Section 12~16 and ASTM D790-10 Procedure A	Specimen: 127×12.70×3.07mm Testing speed: 1.3mm/min Span: 50mm	20.7ksi
	Flexural strength (crosswise)		Specimen: 127×12.71×3.09mm Testing speed: 1.3mm/min Span: 50mm	20.0ksi
3	Water absorption	ASTM D229-01 Section 27 and ASTM D570- 98(2010) ^{ε1}	Specimen: 76.2×25.4×3.07mm Drying condition: 50±3℃, 24h Immersion condition: 23±1℃, 24h	1.00% (see note 1)
4	Horizontal burning	UL 94-1996 REV.13:2010 Section 7	Specimen: 125×13.0×3.1mm	Conclusion: HB (see table 1, note 2 and 3)

*****To be continued*****

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Table 1

Sample No.	1	2	3	4	5
Burning distance, mm	/	/	/	/	/
Burning time, s	/	/	/	/	/
Burning rate, mm/min	/	/	/	/	/

Note: 1. Water absorption, % = (Wet weight – Conditioned weight) / Conditioned weight x 100.

2. HB requirement:

A. Not have a burning rate exceeding 40mm per minute over 75mm span for specimens having a thickness of 3.0 to 13mm, or

B. Not have a burning rate exceeding 75mm per minute over 75mm span for specimens having a thickness of less than 3.0mm, or

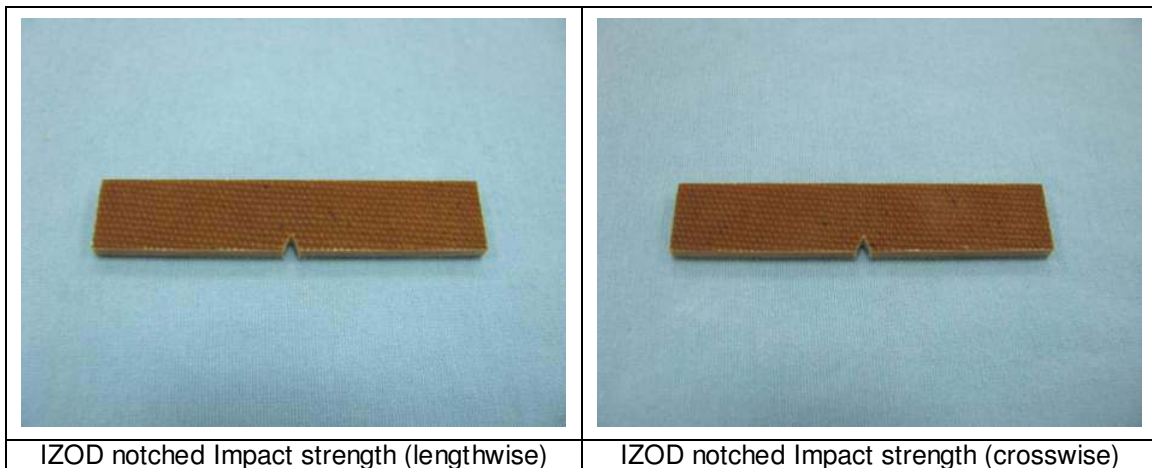
C. Cease to burn before the 100mm reference mark.

3. “/”--The flame extinguished before the 25mm reference mark.

4. 1J/m=0.0187ft-lb/in.

1MPa=0.145ksi.

Photo:



*****To be continued*****

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Flexural strength(lengthwise)	Flexural strength(crosswise)
Water absorption	Horizontal burning

*****End of report*****

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