



STC TEST REPORT

Date: 2013-07-31

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(DUPLICATE)

No.: SP107656

Applicant (Code:ZJX008) : XM TEXTILES
Room 2402-2403, Zhongyi International Commercial Plaza, 1833
Zhongshan North Road

Attn: Ling Yu

Description of Sample : One (1) piece of submitted sample said to be
ETNA MULTI-RISK 99% COTTON/ 1% ANTISTATIC 350 GSM
SATIN 4/1 FR, IN DARK NAVY

Date Sample Received : 2013-07-23

Date Tested : 2013-07-23 to 2013-07-29

Investigation Requested : Protective clothing- protective against liquid chemicals



HE Lijie, Bill
For and on behalf of
STC (Shanghai) Company Limited



STC (Shanghai) Company Limited

No.130, Huashen Road, Waigaoqiao Free Trade Zone, Shanghai, China (Zip code: 200131)

Tel: (86 21) 52198248 Fax: (86 21) 52198249 Homepage: www.shstc.org Email: shstc@shstc.org

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TEST RESULTS:

Protective clothing- protective against liquid chemicals

Ref.: EN ISO 6530: 2005, Liquid chemicals requested by the applicant, Original Sample.

Weight per unit area: 370.1(g/m²)

<u>Liquid chemicals</u>	<u>Penetration index (P), %</u>					
	<u>Warp</u>			<u>Weft</u>		
	<u>Specimen 1</u>	<u>Specimen 2</u>	<u>Specimen 3</u>	<u>Specimen 1</u>	<u>Specimen 2</u>	<u>Specimen 3</u>
50% NaOH	0.0	0.0	0.0	0.0	0.0	0.0
40% HNO ₃	0.1	0.2	0.1	0.4	0.3	0.3
30% HCl	0.0	0.0	0.0	0.0	0.0	0.0
80% H ₂ SO ₄	0.0	0.0	0.0	0.0	0.0	0.0

<u>Liquid chemicals</u>	<u>Repellency index (R), %</u>					
	<u>Warp</u>			<u>Weft</u>		
	<u>Specimen 1</u>	<u>Specimen 2</u>	<u>Specimen 3</u>	<u>Specimen 1</u>	<u>Specimen 2</u>	<u>Specimen 3</u>
50% NaOH	100.0	100.0	100.0	100.0	100.0	100.0
40% HNO ₃	96.3	95.4	96.0	95.2	95.8	95.6
30% HCl	95.6	95.9	95.7	96.3	96.4	96.4
80% H ₂ SO ₄	98.9	98.5	98.7	98.8	99.0	98.9

The photo of submitted sample



***** End of Test Report *****

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