



STC Test Report

Date: 2012-08-23

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(DUPLICATE)

No.: ST160652

Applicant (Code:SHM005) : XM TEXTILES
Room 2201, Wisdom Cube Plaza, No 18 Shunyi Road, Shanghai

Attn: Yu Ling

Description of Sample(s) : One (1) piece of submitted sample said to be
Volcano – 88% Cotton, 12% Nylon, 260gsm satin 4/1FR
oilproof, in Acid-proof, Antistatic



Date Sample(s) Received : 2012-08-14

Date Tested : 2012-08-14 to 2012-08-21

Investigation Requested : Selected test(s) as detailed herein.

DRAFT

Textile and Materials Department
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: 272 g/m²

Liquid chemicals	Penetration index (P), %					
	Warp			Weft		
	Specimen 1	Specimen 2	Specimen 3	Specimen 1	Specimen 2	Specimen 3
50% NaOH	0	0	0	0	0	0
40% HNO ₃	0.3	0.1	0.1	0.1	0.2	0.2
30% HCl	0.1	0.2	0	0.1	0	0.1
80% H ₂ SO ₄	0.1	0	0	0	0	0

Liquid chemicals	Repellency index (R), %					
	Warp			Weft		
	Specimen 1	Specimen 2	Specimen 3	Specimen 1	Specimen 2	Specimen 3
50% NaOH	99.9	100	100	99.9	100	99.9
40% HNO ₃	98.1	98.5	98.5	98.6	98.5	98.3
30% HCl	98.2	97.7	98.0	97.8	98.3	98.1
80% H ₂ SO ₄	98.6	98.8	98.4	98.2	98.8	98.4

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

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