

Test Report

SL52405274808501TX

Date: March 28, 2024 Page 1 of 4

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

Sample Description : (A) Bonded fabric (75D ripstop Stretch +TPU Clear Membrane+100D Fleece)

Sample Color : (A) Black

Composition : (A) 100% Polyester

Factory : Kunshan Sunshinetex New Material Co., Ltd

Supplier : Kunshan Sunshinetex New Material Co., Ltd

Country of Origin : China

Proposed Care Instruction : -

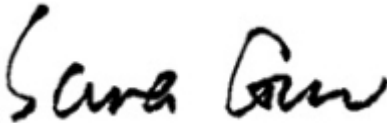
Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Mar 18, 2024

Testing Period : Mar 18, 2024 - Mar 28, 2024

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd



Sara Guo (Account Executive)

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**Comment**

<b>EN 13034:2005+A1:2009 (Type 6)</b>	
Repellency by Liquids(98% H <sub>2</sub> SO <sub>4</sub> )	Class 3
Repellency by Liquids(65% HNO <sub>3</sub> )	Class 3
Repellency by Liquids(30% HCl)	Class 3
Resistance to Penetration by Liquids(98% H <sub>2</sub> SO <sub>4</sub> )	Class 3
Resistance to Penetration by Liquids(65% HNO <sub>3</sub> )	Class 3
Resistance to Penetration by Liquids(30% HCl)	Class 3

<b>EN 13034:2005+A1:2009 (Type PB [6])</b>	
Repellency by Liquids(98% H <sub>2</sub> SO <sub>4</sub> )	Class 3
Repellency by Liquids(65% HNO <sub>3</sub> )	Class 3
Repellency by Liquids(30% HCl)	Class 3
Resistance to Penetration by Liquids(98% H <sub>2</sub> SO <sub>4</sub> )	Class 3
Resistance to Penetration by Liquids(65% HNO <sub>3</sub> )	Class 3
Resistance to Penetration by Liquids(30% HCl)	Class 3



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Test Result

**Protective Clothing Against Chemicals - Test Methods and Performance Classification of Chemical Protective Clothing Materials, Seams, Joins and Assemblages**  
EN 14325:2018

**Clause 4.12 Repellency by Liquids**

(EN ISO 6530:2005;As Received)

**A**

98% H <sub>2</sub> SO <sub>4</sub>	No. 1	No. 2	No. 3	Minimum
Warp/One Direction Repellency Index(%)	99.0	99.2	99.9	99.0
Weft/The Other Direction Repellency Index(%)	99.2	98.2	98.3	98.2
65% HNO <sub>3</sub>	No. 1	No. 2	No. 3	Minimum
Warp/One Direction Repellency Index(%)	97.3	99.3	98.5	97.3
Weft/The Other Direction Repellency Index(%)	97.5	96.5	95.5	95.5
30% HCl	No. 1	No. 2	No. 3	Minimum
Warp/One Direction Repellency Index(%)	94.6	98.2	97.2	94.6
Weft/The Other Direction Repellency Index(%)	98.2	97.0	96.9	96.9

Recommended Class:

98% H<sub>2</sub>SO<sub>4</sub>:Class 3

65% HNO<sub>3</sub>:Class 3

30% HCl:Class 3

Remark: Classification of repellency to liquids: Class 1 >70%; Class 2 >80%; Class 3 >90%.

**Clause 4.13 Resistance to Penetration by Liquid**

(EN ISO 6530:2005;As Received)

**A**

98% H <sub>2</sub> SO <sub>4</sub>	No. 1	No. 2	No. 3	Maximum
Warp/One Direction Penetration Index(%)	0	0	0	0
Weft/The other Direction Penetration Index(%)	0	0	0	0
65% HNO <sub>3</sub>	No. 1	No. 2	No. 3	Maximum
Warp/One Direction Penetration Index(%)	0	0	0	0
Weft/The other Direction Penetration Index(%)	0	0	0	0



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30% HCl	No. 1	No. 2	No. 3	Maximum
Warp/One Direction Penetration Index(%)	0	0	0	0
Weft/The other Direction Penetration Index(%)	0	0	0	0

Recommended Class:

98% H<sub>2</sub>SO<sub>4</sub>: Class 3

65% HNO<sub>3</sub>: Class 3

30% HCl: Class 3

Remark: Classification of resistance to penetration by liquids: Class 1 <10%; Class 2 <5%; Class 3 <1%.

Sample Photo



The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

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

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