

Test Report

No. SHSL1304059320TX

Date: Apr 09, 2013

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JIANGYIN KAIYUAN NONWOVEN FABRICS CO., LTD.
NO. 3 LUHUA ROAD, TIANYOU INDUSTRIAL ZONE, LUQIAO TOWN, JIANGYIN

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

Sample Description : Nonwoven fabric: PP spunbond/ PE breathable film in white for protective clothing (63gsm)
Style No. : SF
Manufacturer : Jiangyin Kaiyuan
Country of Destination : Europe, USA
Test Performed : Selected test(s) as requested by applicant
Sample Receiving Date : Apr 02, 2013
Testing Period : Apr 03, 2013 TO Apr 09, 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

Tina Xi
Account Executive

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Test Result

Water Vapour Transmission of Textile Fabrics (ASTM E96: 2010)

Procedure E – Desiccant Method at 100°F(37.8°C) & 90±2% RH

Tested Area : 0.003117 square metre

Orientation : film side facing calcium chloride

	1#	2#	3#	4#	5#	Average
Gram per square metre per 24 hours	5174	4612	4127	4859	5005	4755

Water Vapour Transmission of Textile Fabrics (ASTM E96:2010)

Procedure BW – Inverted Water Method at 73.4°F (23°C) & 50±2% RH

Tested Area : 0.003117 square metre

Orientation : film side facing water

	1#	2#	3#	4#	5#	Average
Gram per square metre per 24 hours	1840	2094	2015	1928	1915	1958

Water Resistance (EN 20811:1992; - Hydrostatic Head; Rate of increase of water pressure: 60 cmH₂O/min, temp of distilled water: 20 degree C, film side facing water)

As Received	1#	2#	3#	4#	5#	Average
Water Column (mm H ₂ O)	1479	1428	1448	1489	1469	1459

Surface Resistivity of Fabric (EN 1149-1:2006)

Test Condition : Applied Voltage and time:100V for 15 seconds
Temperature 23± 1°C, Relative Humidity 25± 5%

Nonwoven side	1#	2#	3#	4#	5#	Geometry mean
Surface Resistance(ohm)	1.0X10 ⁸	8.5X10 ⁷	8.0X10 ⁷	1.1X10 ⁸	8.3X10 ⁷	9.1X10 ⁷
Surface Resistivity (ohm)	2.0X10 ⁹	1.7X10 ⁹	1.6X10 ⁹	2.2X10 ⁹	1.6X10 ⁹	1.8X10 ⁹

pH Value in Textile (EN ISO 3071:2006, 0.1mol/l KCL extraction)

9.0

*** End of Report ***

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