



**Shaoxing Goldsun Textile Co. Ltd.**  
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**Your notice of**  
 27-05-2020

**Your reference**  
 ATP EN14126 Covid 19 crisis

**Date**  
 29-06-2020

**Analysis Report 20.03188.00**

Required tests :

**ISO 13934-1 (2013)**  
**ISO 9073-4 (1997)**  
**EN 863 (1995)**  
**ISO 13935-2 (2014)**

**Determination of the breaking strength and elongation**  
**Determination of tearing resistance - method of trapezoid**  
**Determination of the puncture resistance**  
**Determination of the seam strength on existing seam - Grab method**

| Identification number | Information given by the client  | Date of receipt |
|-----------------------|--|-----------------|
| T2011397              | Material Non-woven 35gsm non woven / 30gsm PE coating from Shao Xing Gold March, co. ltd | 27-05-2020      |
| T2011398              | Coverall ref. JYG2020 (without tape, with tunneled seam)                                 | 27-05-2020      |
| T2011399              | Coverall with blue taped seam ref. JYF2020 tape, PE from Shao Xing Golde March, co. ltd  | 27-05-2020      |

[SIGNATURE]

Order responsible

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 The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.  
 In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.

**Reference: T2011397 - Material Non-woven 35gsm non woven / 30gsm PE coating from Shao Xing Gold March, co. ltd**

**Determination of the breaking strength and elongation**

Date of ending the test 29-06-2020  
Standard used ISO 13934-1 (2013)  
Product standard EN 14325 (2018)

Deviation from the standard -  
Conditioning 20°C, relative humidity 65%  
Apparatus Instron, type CRE, class 0,5  
Cell 1 kN (Length direction)  
1 kN (Width direction)  
Pretension (automatically) 2 N  
Clamps sheeting Covered with rubber  
Rate 100 mm/min  
Number of test specimens 5 (Length direction)  
5 (Width direction)  
Gauge length 100 mm  
Width Cut, 50 mm

**Conditioned**

| Specimen | Length direction |                | Width direction |                |
|----------|------------------|----------------|-----------------|----------------|
|          | Force (N)        | Elongation (%) | Force (N)       | Elongation (%) |
| #1       | 94.8             | 132            | 46.8            | 115            |
| #2       | 101              | 156            | 41.6            | 97.9           |
| #3       | 99.9             | 145            | 43.4            | 109            |
| #4       | 97.8             | 147            | 50.5            | 128            |
| #5       | 91.9             | 128            | 48.6            | 130            |
| Average  | 97 N             | 141 %          | 46 N            | 116 %          |

**Reference: T2011397 - Material Non-woven 35gsm non woven / 30gsm PE coating from Shao Xing Gold March, co. ltd**

**Determination of tearing resistance - method of trapezoid**

Date of ending the test 26-06-2020  
Standard used ISO 9073-4 (1997)  
Product standard EN 14325 (2018)

Deviation from the standard -  
Conditioning 20°C, relative humidity 65%  
Apparatus Instron, type CRE, class 0,5  
Cell 1 kN (Warp direction)  
1 kN (Weft direction)  
Rate 100 mm/min  
Number of test specimens 5 (Warp direction)  
5 (Weft direction)  
Calculation Automatic - Mean of all peaks

|         | Tear resistance (N) |                |
|---------|---------------------|----------------|
|         | Warp direction      | Weft direction |
| #1      | 79.2                | 34.8           |
| #2      | 68.6                | 31.6           |
| #3      | 81.0                | 31.9           |
| #4      | 72.5                | 30.6           |
| #5      | 71.4                | 33.6           |
| Average | 74.5 N              | 32.5 N         |

**Remark** For tests in warp direction, the warp yarns tear, for tests in weft direction, the weft yarns tear.

**Reference: T2011397 - Material Non-woven 35gsm non woven / 30gsm PE coating from Shao Xing Gold March, co. ltd**

**Determination of the puncture resistance**

Date of ending the test 26-06-2020  
 Standard used EN 863 (1995)  
 Product standard EN 14325 (2018)

Deviation from the standard -  
 Conditioning 20°C, relative humidity 65%  
 Apparatus Instron, type CRE, class 0,5  
 Cell 100 N  
 Perforation speed 100 mm/min  
 Used spike Test spike of steel with flat top  
 Number of test specimens 5

**Conditioned**

| Specimen | Force (N) |
|----------|-----------|
| #1       | 6.97      |
| #2       | 5.83      |
| #3       | 6.91      |
| #4       | 5.98      |
| #5       | 6.04      |
| Average  | 6 N       |

**Reference: T2011398 - Coverall ref. JYG2020 (without tape, with tunneled seam)**

**Determination of the seam strength on existing seam - Grab method**

Date of ending the test 26-06-2020  
 Standard used ISO 13935-2 (2014)  
 Product standard EN 14325 (2018)

Deviation from the standard -  
 Conditioning 20°C, relative humidity 65%  
 Apparatus Instron, type CRE, class 0,5  
 Type of seam Straight seam  
 Cell 1 kN  
 Width of the clamps 25 x 25 mm  
 Rate 50 mm/min  
 Number of test specimens 5

| Specimen | Max. force |     |
|----------|------------|-----|
| #1       | 157        | (2) |
| #2       | 145        | (2) |
| #3       | 154        | (2) |
| #4       | 131        | (2) |
| #5       | 107        | (2) |
| Average  | 140 N      |     |

- (1) Fabric tear
- (2) Tear at the jaws
- (3) Fabric tear at seam
- (4) Sewing threads breakage
- (5) Threads pull-out
- (6) Any combination of (1) up to (5)

**Reference: T2011399 - Coverall with blue taped seam ref. JYF2020 tape, PE from Shao Xing Golde March, co. ltd**

**Determination of the seam strength on existing seam - Grab method**

Date of ending the test 26-06-2020  
Standard used ISO 13935-2 (2014)  
Product standard EN 14325 (2018)

Deviation from the standard -  
Conditioning 20°C, relative humidity 65%  
Apparatus Instron, type CRE, class 0,5  
Type of seam Straight seam  
Cell 1 kN  
Width of the clamps 25 x 25 mm  
Rate 50 mm/min  
Number of test specimens 5

| Specimen | Max. force |     |
|----------|------------|-----|
| #1       | 151        | (2) |
| #2       | 156        | (2) |
| #3       | 160        | (2) |
| #4       | 167        | (2) |
| #5       | 157        | (2) |
| Average  | 160 N      |     |

- (1) Fabric tear
- (2) Tear at the jaws
- (3) Fabric tear at seam
- (4) Sewing threads breakage
- (5) Threads pull-out
- (6) Any combination of (1) up to (5)