

Test Summary nº

**18CN0539**

AITEX declares that the articles:

Given by the company:

**"FABRIC ETNA"**

Information according to the customer:

Fabric reference: ETNA // Composition and percentage:  
99% Cotton, 1% Antistatic, Satin 4/1 FR // Weight: 350 g  
// Color: Dark Navy // Others: Code: 99C/1AS-350FR-S,  
Part Number: FRL-161, Roll Number: 161

**SHANGHAI XM GROUP LTD**

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CN-200063 SHANGHAI  
CHINA

Complies with the requirements of the **standard/s**:

**EN ISO 11612:2015 Protective clothing. Clothing to protect against heat and flame.**

- 6.2 Heat resistance (180± 5)°C – Pass - (x 5 washing cycles, 6N, Tumble Dryer F).
- 6.3.2 Limited flame spread. Method A – A1 – (as received and after 5 washing cycles, 6N, Tumble Dryer F).
- 6.3.3 Limited flame spread. Method B – A2 – (as received and after 5 washing cycles, 6N, Tumble Dryer F).
- 6.4 Dimensional change due to cleaning – Pass - (x 5 washing cycles, 6N, Tumble Dryer F).
- 6.5.1 Tensile strength – Pass - (x 5 washing cycles, 6N, Tumble Dryer F).
- 6.5.2 Tear Resistance – Pass - (x 5 washing cycles, 6N, Tumble Dryer F).
- 7.2 Convective heat – B1 - (x 5 washing cycles, 6N, Tumble Dryer F).
- 7.3 Radiant heat – C1 - (x 5 washing cycles, 6N, Tumble Dryer F).
- 7.5 Molten iron splash – E3 - (x 5 washing cycles, 6N, Tumble Dryer F).
- 7.6 Contact heat – F1 - (x 5 washing cycles, 6N, Tumble Dryer F).

**EN ISO 11611:2015 Protective clothing for use in welding and allied processes.**

- 6.2 Tensile strength – Pass - (x 5 washing cycles, 6N, Tumble Dryer F).
- 6.3 Tear Resistance – Class 1 - (x 5 washing cycles, 6N, Tumble Dryer F).
- 6.6 Dimensional change due to cleaning – Pass - (x 5 washing cycles, 6N, Tumble Dryer F).
- 6.7.2 Limited flame spread. Method A – A1 – (as received and after 5 washing cycles, 6N, Tumble Dryer F).
- 6.7.3 Limited flame spread. Method B – A2 – (as received and after 5 washing cycles, 6N, Tumble Dryer F).
- 6.8 Impact of spatter – Class 2 - (x 5 washing cycles, 6N, Tumble Dryer F).
- 6.9 Radiant heat – Class 1 - (x 5 washing cycles, 6N, Tumble Dryer F).
- 6.10 Electrical resistance – Pass - (x 5 washing cycles, 6N, Tumble Dryer F).

**Remark:** washing instructions according to Standard ISO 6330:2012, method 6N and type F drying (tumble dryer).

The test results above indicated are shown in the testing report/s:

**2018CN0539**

Issued by AITEX on: 10/12/2018

This document is of application for the tested sample, according to the tests that have been done in the previously mentioned dates in the reports above shown. This does not imply any monitoring or control activity on this product done by AITEX.

This document is a test summary and does not imply a product certification.

Signed by: Raquel Muñoz González  
Manager Innovation Area



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