

CERTIFICATE OF TEST

Certificate of test nº

20CN0700

AITEX declares that the articles:

Given by the company:

"FABRIC POSEIDON 245"

Information according to the customer:

Fabric reference: Poseidon-245

Composition and percentage: 80% Cotton/ 19% Polyester/ 1%

Antistatic, Twill 2/2 FR

Colour: Royal Blue // Weight: 245 g/m² // Others: Code:

80C/19P/1AS-245FR-T2,

Part Number: FRL-183-WD-19-XMG-002 // Roll Number 189

SHANGHAI XM GROUP LTD
Room 2403,88 Guangxin Road
CN-200063
SHANGHAI

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 – Pass - (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 1 - (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).

EN ISO 14116:2015. PROTECTION AGAINST HEAT AND FLAME. LIMITED FLAME SPREAD MATERIALS, MATERIALS ASSEMBLIES AND CLOTHING.

6.1 Thermal behavior. Limited flame spread. Method A - Index 3, (as received and after 5 washing cycles, 6N, Tumble Dryer F).

6.2.1 Tensile strength – Pass - (x 5 washing cycles, 6N, Tumble Dryer F).

6.2.2 Tear strength – Pass - (x 5 washing cycles, 6N, Tumble Dryer F).

6.3 Dimensional change of textile materials – 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).

Remark: The tests have been carried out in the following reports: 2019CN0265 (Date tests ending: 22/05/2019).

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

2019CN0265

Issued by AITEX on: 28/05/2019

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 implies 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