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ilac-MRA ENAC
ENSAYOS
Nº12/LE025
Nº12/LE427

CERTIFICATE OF TEST

Certificate of test nº **21CN0700**

AITEX declares that the articles:

"FABRIC POBFC3DY-1"
Information according to the customer:
Fabric reference: POBFC3DY-1
Composition and percentage: 98% Polyester and 2% Carbon and 60% Protex and 40% Cotton
Color: Fluo Yellow / Fluo Orange

Given by the company:

KUNSHAN SUNSHINETEX NEW MATERIAL CO. LTD.
No. 417 Sanxiang Road
CN-215300 Kunshan
JIANGSU

Complies with the requirements of the standard/s:

EN 61482-1-2:2014. LIVE WORKING. PROTECTIVE CLOTHING AGAINST THE THERMAL HAZARDS OF AN ELECTRIC ARC. PART 1-2: TEST METHODS. METHOD 2: DETERMINATION OF ARC PROTECTION CLASS OF MATERIAL AND CLOTHING BY USING A CONSTRAINED AND DIRECTED ARC (BOX TEST).

4.1 Live working – Protective clothing against the thermal hazards of an electric arc – Part 1.2: Test methods – Method 2: Determination of arc protection class of material and clothing by using a constrained and directed arc (Box Test) – Class = 1 -- (x 5 cycles washing, 4N, Tumble Dryer F).

IEC 61482-2:2018. PROTECTIVE CLOTHING AGAINST THE THERMAL HAZARDS OF AN ELECTRIC ARC. PART 2: REQUERIMENTS.

4.3.1 Heat resistance (180± 5) ºC – Pass -- (x 5 washing cycles, 4N, Tumble Dryer F).
4.3.2 Volume resistance – Pass -- (x 5 washing cycles, 4N, Tumble Dryer F).
4.3.3 Limited flame spread. Method A – Pass – (after 5 washing cycles, 4N, Tumble Dryer F).
4.3.4.1 Tear Resistance – Pass - (x 5 washing cycles, 4N, Tumble Dryer F).
4.3.4.2 Tensile strength – Pass - (x 5 washing cycles, 4N, Tumble Dryer F).
4.3.5 Dimensional change due to cleaning – Pass - (x 5 washing cycles, 4N, Tumble Dryer F).
4.4.3 Arc protection classes --- Class = 1 --- (x 5 washing cycles, 4N, Tumble Dryer F).

Remark: washing instructions according to Standard ISO 6330:2012, method 4N and type F drying (tumble dryer).
Remark: The tests have been carried out in the following reports: 2021CN0700 and 2021CN0693 (Date tests ending: 21/09/2021).

certificate

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

2021CN0700

Issued by AITEX on: 06/10/2021.
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

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