

**REPORT No.:** R-17127276

**SUBJECT:** Tests on insocks.

**ORDERER:** ANTONIO MORON DE BLAS, S.L.

**I. SAMPLES:**

a Insocks for professional footwear with the reference "Plantilla Biontech". \_\_\_\_\_

**II. TESTS REQUESTED:**

- ELECTRICAL RESISTANCE (UNE-EN ISO 20344:2012, clause 5.10)
  - ABRASION RESISTANCE (UNE-EN ISO 20344:2012, 6.12)
  - WATER ABSORPTION AND DESORPTION (UNE-EN ISO 20344:2012, 7.2)
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**III. RESULTS:**

The following table shows the results obtained:

TEST		RESULTS
ELECTRICAL R. <sup>(1)</sup>		
kΩ	Dry	1.8
	Wet	2.0

TEST	RESULTS
WATER ABSORPTION mg/cm <sup>2</sup>	220
WATER DESORPTION %	99

ABRASIONR.	Dry	Wet
No. cycles	25,600	12,800
Appearance	Without break	Without break

(1) The test procedure applied is the based on the one described in the standard UNE-EN ISO 20344:2012, clause 5.10, for professional footwear, with the following test variations:

- Test-piece: insock
- Internal electrode: 4 kg of steel balls in a 200x50x100 mm container.\_\_\_\_

#### IV. TESTING ATMOSPHERE:

Except where otherwise stated, the tests referred to in this report were carried out under the following environmental conditions:

Temperature:	23±2°C
Relative Humidity:	50±5%

Arnedo, 21<sup>st</sup> December 2017

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**This is an English translation of the original report in Spanish of the same number**

Laboratory prescriptions are available from the following link:

<http://www.inescop.com/PrescripcionesLaboratorio/index-en.htm>