

LABORATÓRIOS - V.N.FAMALICÃO



COMPANY

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HEKIMSUYU CAD Nº 36
KUCUKKOY ISTANBUL - TURKEY
34250- TURKEY

Request Nr.: 7255/2019

Date of Reception : 2019/07/03

Observations

Samples reference - Your reference

11823/2019 - ArWoWearT0 Flame+Arc Pro-5345(AM.a)

Tests required

Tests according EN 1149-5:2018

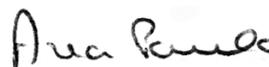
Plain weave ref. ArWoWear T0 Flame+Arc Pro-5345 - Comp.: 99% Cotton 1% Carbon - Col: White

Weight: 160g/m² - Process 084/2019

- The tests were performed between the following dates: 2019/07/03 and 2019/07/23.

V.N.FAMALICÃO, 23th July 2019

LABORATORY
COORDINATOR



(Eng^a Ana Paula Fonte)

NOTES:

- These results were obtained according to the proceedings referred in the Quality Manual of CITEVE and concern only the samples submitted to testing (above mentioned).
- Any part of this report cannot be reproduced without the prior permission of CITEVE.
- The tests signalled by * are not included in the scope of accreditation of this laboratory
- q.l - quantification limit d.l. - detection limit n.d. - not detected

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<u>Sample Ref.</u>	<u>Your ref.</u>	<u>Sample description</u>
11823 /2019	ArWoWearT0 Flame+Arc Pro-5345(AM.a)	Plain weave

Test/Standard: DIMENSIONAL STABILITY TO DOMESTIC WASHING AND DRYING / ISO 5077:2007

Results

Wales/length/warp (mean value %) -	-3,0
Courses/width/weft (mean value %) -	-1,5

Test Conditions

Washing machine: Type A
 Washing programme (ISO 6330:2012): 3N (30° C)
 Total load (kg): 2
 Type of load used: Type III (100 % Polyester)
 Detergent used: Ref 3 (ECE)
 Sodium perborate+TAED
 Drying method: Tumble dry
 Number of washing and drying cycles: 5
 Number of specimens tested: 3
 Note: the signal + means extension and the signal - means shrinkage.

Test/Standard: ELECTROSTATIC PROPERTIES: MEASUREMENT OF CHARGE DECAY / EN 1149-3:2004

Results

CHARGE DECAY HALF TIME (t50):	
Individual values (s):	<0,01 <0,01 <0,01
Arithmetic mean (s):	<0,01
Geometric mean (s):	<0,01
SHIELDING FACTOR (S):	
Individual values:	0,95 0,96 0,95
Arithmetic mean:	0,95

Test Conditions

Method used: 2 (induction charging)
 Time measurement: 30 s
 Number of specimen tested: 3
 Pre-treatment:
 Washing programme (ISO 6330:2012): 3N (30°C)
 Drying procedure: Tumble dry

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Detergent used: IEC+Sodium perborate+TAED

Number of cycles: 5

Atmosphere for conditioning and testing:
(23+/-1)°C; (25+/-5)% relative humidity

Test/Standard: pH OF AQUEOUS EXTRACT / ISO 3071:2005

Results

Mean pH-value -	7,0
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Test Conditions

Type of solution used -	KCl
pH of the extracting solution -	6,0
Temperature of the extracting solution -	24 °C



Request 7255 - Sample 11823