

Report Nº:20020977

Page 1 of 4

Applicant: SARL COUSU BIO

LE BOURG

23150 MAZEIRAT - França

Invoicing applicant: SARL COUSU BIO

Sample Description: Knitted fabric

Color: -

Claimed Fibre Composition: -

Your Reference: #5 Polar Fleece

Requirements: -

Sample Receiving Date: 20.02.2020

Test Start Date: 20.02.2020

Test End Date: 25.02.2020

Service Type: Normal

Working Days: 4

Observation: -



Trofa, 2 March 2020

Laboratory Manager

Note:

The results of this report were obtained according to the procedures described in Quality Lab's Quality Management Manual and refer only to the samples submitted to tests, as above mentioned. The Test Report cannot be reproduced except in full, without prior approval of the Laboratory. Tests marked with * are not included in the IPAC Accreditation and tests marked with * are not included in the scope of the accreditation and were carried out by external supplier. The opinion expressed in this report is not included in the scope of accreditation. *A*- Amended.
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Sample Information:

Sample ID	Description	Equivalent Code
001	Knitted fabric	#5 Polar Fleece

Test	Sample ID
	001
DETERMINATION OF DIMENSIONAL CHANGE IN WASHING AND DRYING	F
DIMENSIONAL STABILITY TO WASHING: COLD WATER	NR
DETERMINATION OF FABRIC PROPENSITY TO SURFACE FUZZING AND TO PILLING. Part 2: Modified Martindale method.	NR

Note: P= Meets Customer requirements; F= Does not meets Customer requirements; NR = No specified requirements;

In the assessment of conformity, the test uncertainty associated was not taken into account, unless otherwise indicated by the customer.

DETERMINATION OF DIMENSIONAL CHANGE IN WASHING AND DRYING

ISO 5077:2007

Sample ID	Results		Requirement
001	Length	-8.5%	Max. 8%
	Width	+2.5%	
Conclusion			Does not meets Customer requirements

Test Conditions:

- Conditioning conditions: $20 \pm 2^\circ\text{C}$ and $65 \pm 4\%$ (H.R.)
- Washing machine: Wascator
- Washing program: 4N (40°C)
- Total load + samples: 2kg
- Load: Type III
- Detergent: Det Ref[®]2 + sodium perborate + TAED
- Drying process: Tumble Dry (1 dot)
- Number of cycles of washing and drying: 1
- Number of tests: 1
- Uncertainty for a probability of coverage of 95%: $\pm 0.3\%$

Notes:

Interpretation: (-) sign for shrinkage & (+) sign for extension.

Report Nº:20020977

Page 4 of 4

DIMENSIONAL STABILITY TO WASHING: COLD WATER

NP 3292:1988

Sample ID	Results		Requirement
001	Length	-2.0%	No Requirements
	Width	-0.4%	
Conclusion			--

Test Conditions:

- Conditioning conditions: $20 \pm 2^\circ\text{C}$ and $65 \pm 4\%$ (H.R.)
- Drying process: Flat Dry
- Number of cycles of washing and drying: 1
- Number of tests: 2
- Uncertainty for a probability of coverage of 95%: $\pm 0.5\%$

Notes:

Interpretation: (-) sign for shrinkage & (+) sign for extension.

DETERMINATION OF FABRIC PROPENSITY TO SURFACE FUZZING AND TO PILLING.

Part 2: Modified Martindale method.

EN ISO 12945-2:2000

Sample ID	Number of Rubs	Superficial aspect	Results	Requirement
001	2000	Fuzzing and Pilling	1-2	No Requirements
Conclusion				--

Test Conditions:

- Conditioning conditions: $20 \pm 2^\circ\text{C}$ / $65 \pm 4\%$ (H.R.)
- Without pre-wash
- Abrasive type: Knit
- Applied mass: 155 g
- Number of tests: 3
- Number of classifiers: 2
- Uncertainty for a probability of coverage of 95%: $\pm 0,5$

Notes:

INTERPRETATION:

- 5- No visual change;
- 4- Slight Surface Fuzzing;
- 3- Moderate Fuzzing / Isolated fully formed Pills;
- 2- Significant change: Distinct fuzzing and/ or pilling;
- 1- Severe Change: Dense fuzzing and/ or pilling which covers the specimen.

End of Report