

Concerns : Raw Material

Control Sheet N° : FCM_2024-0494

Starting date : 25/09/2024 End date : 04/10/2024


Product Characteristics

Supplier:	60
Raw Material:	Alligator charbon noir
Finishing:	GOMMA ALLIGATOR
Material reference:	A-RM-01619
Material lot :	B-CM- 0027877

Summary of results

<input checked="" type="checkbox"/> Adhesive Tape		OK
<input checked="" type="checkbox"/> Folding		OK
<input checked="" type="checkbox"/> Rubbing test on moist state (Veslic)	50 & 100 cycles	4/5 4/5
<input checked="" type="checkbox"/> Colour change	Aspect	4,5/5 4,5/5
<input checked="" type="checkbox"/> Rubbing test on dry state (Veslic)	50 & 100 cycles	5/5 5/5
<input checked="" type="checkbox"/> Colour change	Aspect	4/5 4/5
<input checked="" type="checkbox"/> Colour fastness to perspiration		5/5
<input checked="" type="checkbox"/> Colour fastness to artificial light		5/5
<input type="checkbox"/> Rubbing test on moist state (artificial sweat, Veslic)	50 & 100 cycles	
<input type="checkbox"/> Colour change	Aspect	

Comments

Adhesive tape, 3M810	Observations
	Exfoliation OK No visible alteration

Folding twice	Observations
	Change OK Aesthetic and visual alteration of color and formation of slight wrinkles.

TEST REPORT

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Rubbing test on moist state (Veslic), partial extension



50 cycles



100 cycles



Observations

Felt staining	Final colour change	Aspect
50 Cycles 4/5	4,5/5	4,5/5
100 Cycles 4/5	Slight staining of the colour on the felts. Very light change of the colour at 150 cycles, with shiny aspect.	

Rubbing test on dry state (Veslic), partial extension



50 cycles



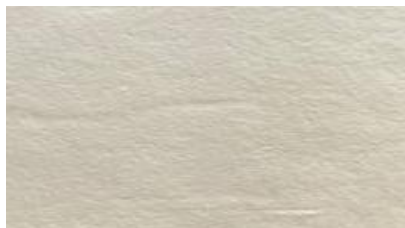
100 cycles



Observations

Felt staining	Final colour change	Aspect
50 Cycles 5/5	4/5	4/5
100 Cycles 5/5	No staining of the colour o the felts. Slight change of the colour at 150 cycles, with shiny aspect.	

Colour fastness to perspiration, 72 hours, ambient temperature, artificial sweat according to ISO 3160-2



Observations

Staining on blotting paper

5/5

No staining of the colour on the blotting paper from the surface.

Rubbing test on moist state (Artificial sweat ISO 3160-2, Veslic), partial extension

50 cycles

100 cycles

Felt staining	Final colour change	Aspect
50 Cycles		
100 Cycles		

Colour fastness to artificial light, approx. 7,8 MJ/m²



Observations

Colour change

5/5

No change of the colour on the exposed area.

TEST REPORT

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#VALOR!

Chromium VI test

Observations

Upper limit
< 3 ppm

pH test

Value

Standards references

Adhesive Tape

Designation

INS-23-239-D-F / SWATCH GROUP

ISO 2419, Physical and mechanicals trials -Preparation and sample conditioning

OK

No visible alteration

Slight and sparce exfoliation visible on tape, nothing visible on material.

KO

Slight finishing removal, visible on tape and material.

Evident exfoliation and removal of numerous finishing particules on tape and material.

Finishing removal and of underlying material.

Folding

Designation

Inhouse Method

ISO 2419, Physical and mechanicals trials -Preparation and sample conditioning

OK

No visible alteration.

OK

Aesthetic and visual alteration of color and formation of slight wrinkles.

KO

Formation of wrinkles and cracks of the finishing.

KO

Formation of wrinkles and finishing peeling off.

KO

Exfoliation of finishing with tearing of underlying material.

Rubbing tests (moist, dry, artificial sweat, veslic)

Colour fastness to perspiration

INS-23-229-C-f / SWATCH GROUP

ISO 2419, Preparation and sample conditioning
ISO 11640, Colour fastness to cycles of to-and-fro rubbing
ISO 105-A02, Greyscale for assessing change in colour
ISO 105-A03, Greyscale for assessing staining

INS-23-221-D-f / SWATCH GROUP

NIHS 96-50, Chemical and climatic resistance of a watch case
ISO 2419, Preparation and sample conditioning
ISO 105-A03, Greyscale for assessing staining

Colour fastness to artificial light

Cosmetic Products Resistance

INS-23-230-C-F / SWATCH GROUP

ISO 2419, Preparation and sample conditioning
NIHS 96-50, Chemical and climatic resistance of a watch case
ISO 105-A02, Greyscale for assessing change in colour

INS-23-241-B-F / SWATCH GROUP

ISO 105-A03, Greyscale for assessing staining

NIHS 96-50, Chemical and climatic resistance of a watch case

Solutions used:

Waterproof NIVEA SUN SPRAY, factor 20

Hugo Boss perfume, HUGO

Anti Brumm Forte insect repellent, containing N,N-diethyl-m-toluamide
(No CAS : 134-62-3)

Carried out by : Beatriz Silva

Modified by :

Date: