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Report nr.

TEST

1502219-001

14323-ar PROPENSITY TO SURFACE PILLING

(Martindale)

UNI EN ISO 12945-2/02

Method: Instrument:

Abrasion Tester Martindale J.Heal - NU = 406

Number of observers: 02

EXPLANATORY NOTE OF THE RESULTS

Grade 5: no change

Grade 4: slight surface fuzzing and/or partially formed pills

Grade 3: moderate surface fuzzing and/or moderate pilling. Pills of varying size and density partially covering

M.U.

the specimen surface

Grade 2: distinct surface fuzzing and/or distinct pilling, Pills of varying size and density covering a large

proportion of the specimens surface.

Grade 1: dense surface fuzzing and/or severe pilling. Pills of varying size and density covering the whole of

the specimen surface.

Date of test:		24/3/2015
Pretreatment carried out		No one
Change at 500 revs.	grade	5
Change at 1000 revs.	grade	5
Change at 2000 revs.	grade	5
Change at 5000 revs.	grade	5
Number of specimens:	nr,	3
Abradent:		Abradant wool
Load applied:	g	415
Deviation from procedure		•

14063 RESISTANCE TO ABRASION (Martindale) -**DETERMINATION OF SPECIMEN BREAKDOWN**

Method:

UNI EN ISO 12947-2:2000 + EC 1-2010

Instrument:

Abrasion Tester Martindale J.Heal - 103

SPECIMEN BREAKDOWN

Specimen breakdown is reached when:

- in woven fabric, when two separate threads are completely broken;
- in knitted fabric, when one thread is broken causing a hole;
- in pile fabric, when the pile is fully worn off;
- in nonwoven fabric, when the first hole is of a diameter at least equal to 0,5 mm.

Date of test:		20/3/2015
Pretreatment carried out		No one
First specimen: cycles to end point	cycles	>50000
Second specimen: cycles to end point	cycles	>50000
Third specimen: cycles to end point	cycles	>50000
Average	cycles	>50000
At 40000 cycles is detected a slight loss of pile.		
Confidence limits		
Load applied	kPa	12
Change in colour at the end point (when stated)	grade	4-5
Pilling occured	cycles	•
Deviation from procedure		=
Enclosed:	nr.	1