



Centre de Recherches
et d'Etudes Techniques
du Tapis

TEST REPORT N° RL 2011/169-2

DELIVERY : 03/06/2011

MATERIAL RECEIVED : 25/05/2011

ORIGIN : LS Cable & System
643, Jinpyeong-dong, Gumi-Si, Gyeongbuk
730-360
KOREA

NAME OF QUALITY : **PURGOTEX**

TESTS TYPE : Determination of dimensional changes due to the effects of
varied water and heat conditions.

The Technical Director

Head of Test

Marc WELCOMME

David VANDIERDONCK

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It contains **6** page(s) and **0** annex(s).

The results which have been obtained by means of the sample specified above, may
not be generalised without justification of the representativeness of the samples.

I – Equipment used

- Measuring table system – CRET 019
- Drying oven MEMMERT – CRET 03
- Thermometer CRET 061
- Chronometer CRET E 410

II - Norms applied

- ❖ Determination of dimensional changes due to the effect of varied water and heat conditions according to ISO 2551.

III – Description of the sample

Flocked carpet, printed cut pile on PVC backing.

IV – Tested colouring (s)

Blue.

V - Results

See next page.

INDIVIDUALS VALUES MEASUREMENTS

Test specimen 1

Test specimen 2

Test specimen 3

Longitudinally direction		Transversally direction	
300,79	300,64	300,83	300,63
300,66	300,47	300,59	300,72
300,64	300,49	300,50	300,71
300,50	300,46	300,50	300,72
300,66	300,50	300,55	300,75

1
2
3
4
5

Longitudinally direction		Transversally direction	
300,58	300,77	300,89	300,71
300,55	300,48	300,72	300,82
300,50	300,40	300,72	300,79
300,45	300,38	300,71	300,78
300,48	300,43	300,75	300,82

1
2
3
4
5

Longitudinally direction		Transversally direction	
300,75	300,68	300,68	300,78
300,65	300,56	300,53	300,68
300,50	300,53	300,43	300,71
300,54	300,52	300,48	300,68
300,55	300,52	300,50	300,73

AVERAGE VALUES MEASUREMENTS

Test specimen 1

Test specimen 2

Test specimen 3

moyennes		écart %	
L	T	L	T
300,72	300,73	0,00	0,00
300,57	300,66	-0,05	-0,02
300,57	300,61	-0,05	-0,04
300,48	300,61	-0,08	-0,04
300,58	300,65	-0,04	-0,03

1
2
3
4
5

moyennes		écart %	
L	T	L	T
300,68	300,80	0,00	0,00
300,52	300,77	-0,05	-0,01
300,45	300,76	-0,07	-0,01
300,42	300,75	-0,09	-0,02
300,46	300,79	-0,07	0,00

1
2
3
4
5

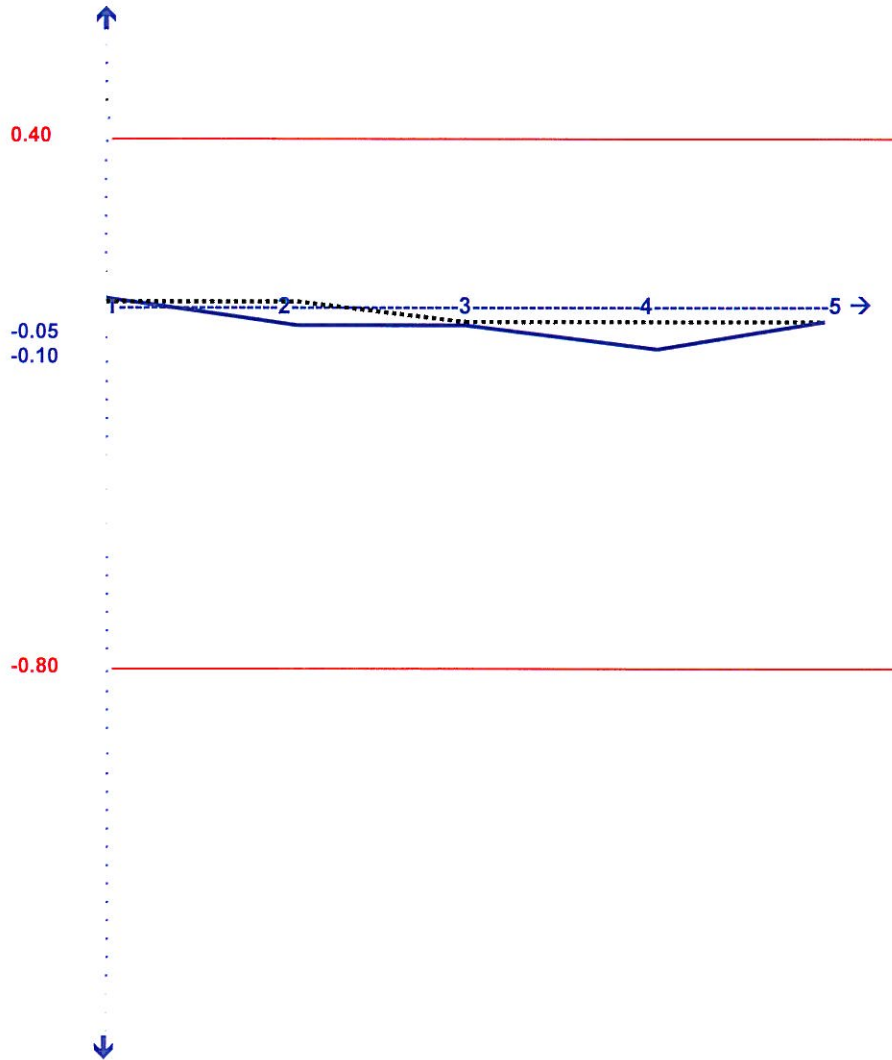
moyennes		écart %	
L	T	L	T
300,72	300,73	0,00	0,00
300,61	300,61	-0,04	-0,04
300,52	300,57	-0,07	-0,05
300,53	300,58	-0,06	-0,05
300,54	300,62	-0,06	-0,04

- 1 : test specimen conditioned at 20° C and 65% HR
- 2 : test specimen 2 h in the oven at 60° C
- 3 : test specimen 2 h in the water at 20° C
- 4 : test specimen 24 h in the oven at 60° C
- 5 : test specimen conditioned at 20° C and 65 % HR

DIMENSIONAL STABILITY

TEST SPECIMEN 1

Extension (%)



Shrinkage (%)

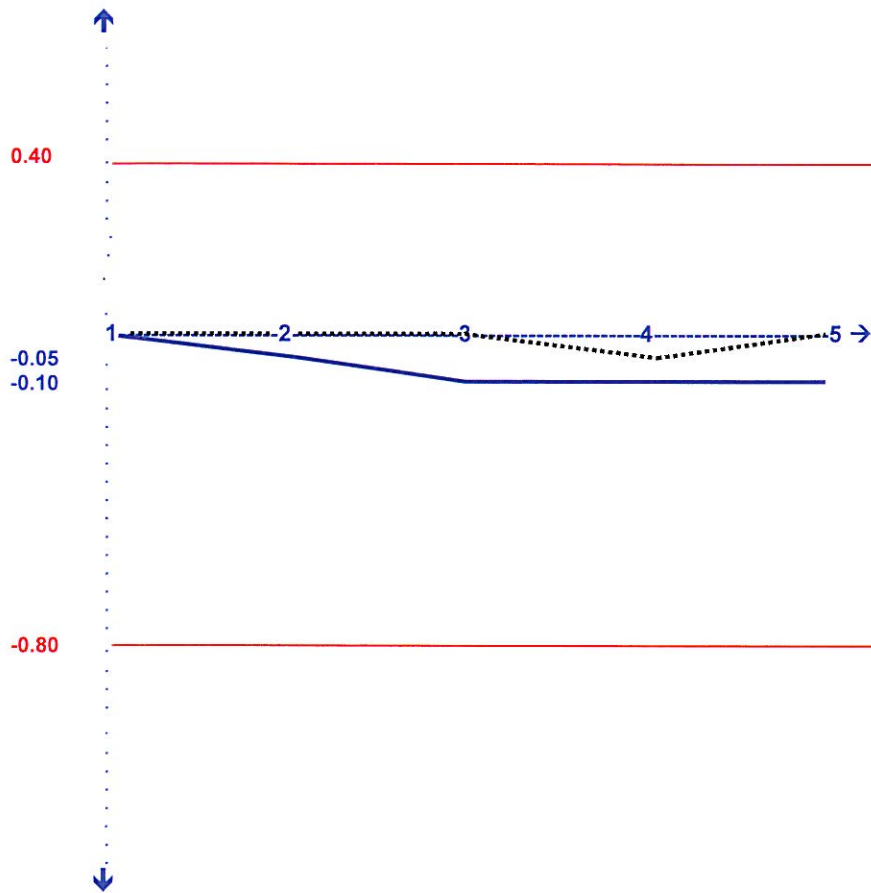
- 1 : test specimen conditioned at 20° C and 65% HR
- 2 : test specimen 2 h in the oven at 60° C
- 3 : test specimen 2 h in the water at 20° C
- 4 : test specimen 24 h in the oven at 60° C
- 5 : test specimen conditioned at 20° C and 65 % HR

————— LONGITUDINALLY DIRECTION
..... TRANSVERSALLY DIRECTION

DIMENSIONAL STABILITY

TEST SPECIMEN 2

Extension (%)



Shrinkage (%)

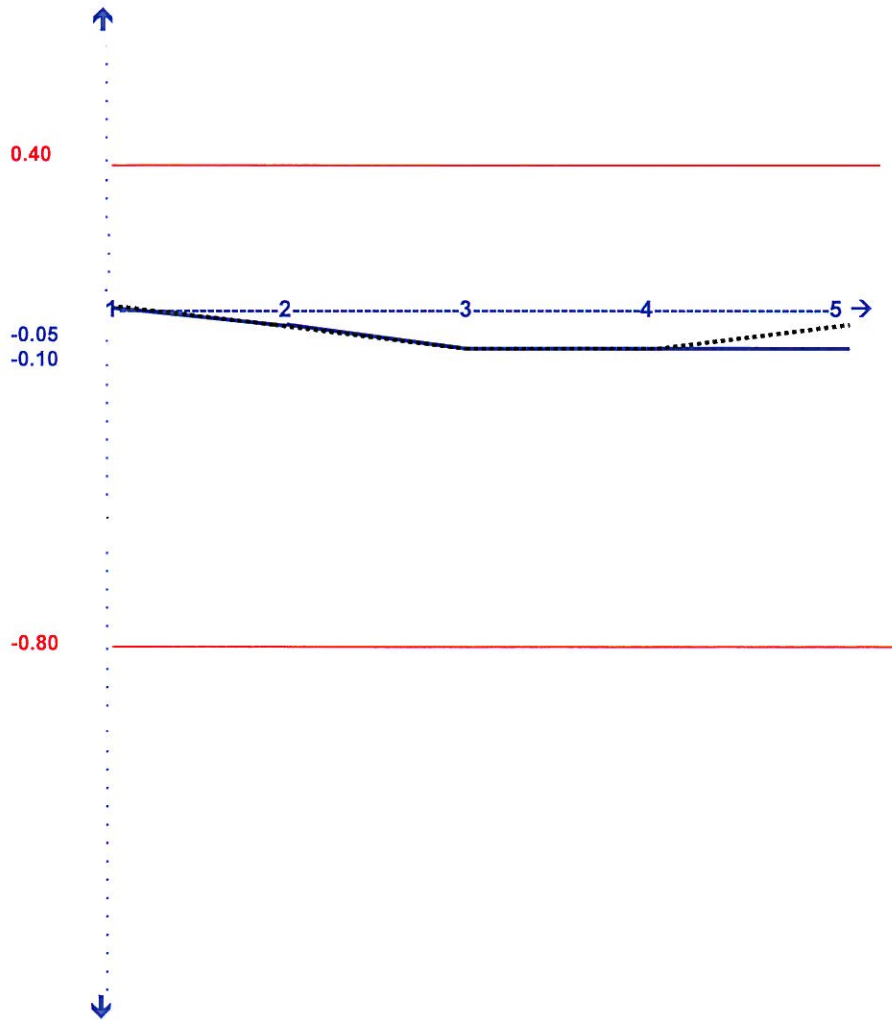
- 1 : test specimen conditioned at 20° C and 65% HR
- 2 : test specimen 2 h in the oven at 60° C
- 3 : test specimen 2 h in the water at 20° C
- 4 : test specimen 24 h in the oven at 60° C
- 5 : test specimen conditioned at 20° C and 65 % HR

————— LONGITUDINALLY DIRECTION
..... TRANSVERSALLY DIRECTION

DIMENSIONAL STABILITY

TEST SPECIMEN 3

Extension (%)



Shrinkage (%)

- 1 : test specimen conditioned at 20° C and 65% HR
- 2 : test specimen 2 h in the oven at 60° C
- 3 : test specimen 2 h in the water at 20° C
- 4 : test specimen 24 h in the oven at 60° C
- 5 : test specimen conditioned at 20° C and 65 % HR

————— LONGITUDINALLY DIRECTION
..... TRANSVERSALLY DIRECTION