



Centre de Recherches
et d'Etudes Techniques
du Tapis

TEST REPORT N° RL 2011/169-4

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: **Assessment of static electrical propensity**
Body voltage
Determination of electrical resistance

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It contains **3** 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 – Equipments used

- Body voltage measuring system EMF58-ELTEX – CRET 063-1
- Hand electrode – CRET 063-2
- Resistance meter Knick – CRET 062-1
- Electrodes CRET 062-2

II - Norms applied

- * Textile floor coverings – Assessment of static electrical propensity – Walking test
Standard ISO 6356 March 2003
- * Textile floor coverings – Determination of electrical resistance
Standard ISO 10965 November 1998 and Annex ISO 10965/AC1 October 1999

III – Description of the carpet sample

Flocked carpet, printed cut pile, PVC backing

IV – Colouring (s)

Blue

V - Results

Cf. next page

VI – Test conditions

Atmosphere for conditioning and testing: 25% ± 3% HR – 23° C ± 1° C (for at least 7 days).

Particular test conditions:

1) Body voltage

Measurement	BAM soles (kV)	Neolite soles (kV)
1	- 0,1	- 0,2
2	- 0,1	- 0,1
3	- 0,1	- 0,1
Average	- 0,1	- 0,1
Coefficient of variation (%)	0	43,3

2) Electrical resistance

Measurement	Horizontal resistance (Ω)	Vertical resistance (Ω)
1	1.1×10^{11}	1.9×10^{10}
2	5.0×10^{11}	2.8×10^{10}
3	1.1×10^{11}	2.2×10^{10}
4	2.8×10^{11}	2.1×10^{10}
5	3.0×10^{11}	1.5×10^{10}
6	2.6×10^{11}	4.0×10^{10}
Geometric mean	2.2×10^{11}	2.3×10^{10}
Coefficient of variation (%)	56,8	36,6