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your delivery of
2008-05-19

your reference

our reference
WVW/5410

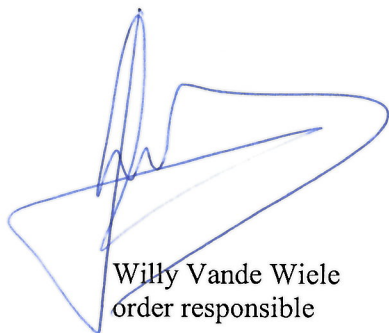
date
Zwijnaarde, 2008-06-09

Analysis Report 63140/F

Required tests :

Determination of the abrasion resistance - Martindale

Identification number	Information given by the client	Date of receipt
T805355	Athens	2008-05-20



Willy Vande Wiele
order responsible

For further information, please contact our sectorial adviser Daniel Verstraete

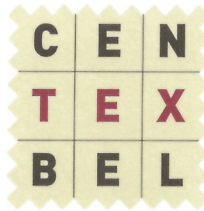
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Reference : T805355 - Athens

Determination of the abrasion resistance - Martindale

1. Method:

Applied standard : EN ISO 12947 part 2 (year: 1998)
on conditioned material (20°C and 65% rel. hum.)
Deviations of the standard : assessment according EN 14465 annex A (year:2003)
Apparatus : Martindale Abrasion Machine
Pressure on test specimen : 12 kPa
Reference abradant : crossbred worsted spun, plain woven fabric
Type of the felt : woven felt
Number of test specimens : 4 circular test specimens to the end point
Observation : 8-fold magnification

2. Results:

Date of ending the test: 09-06-2008

Change in colour after 3 000 cycles: grade 3

Physically significant end point: pile spots of 5mm² fully worn off

specimen	number of rubs at which specimen breakdown occurs	final result
1	100 000	> 90 000
2	100 000	> 90 000
3	100 000	> 90 000
4	100 000	> 90 000
lowest value		> 90 000

See test specimens enclosed.

Performed in the physical lab under the responsibility of Willy Vande Wiele.