

Report M1

Doc nummer	202201419	Report date:	29/06/2022

Fabric reference: Tone FR Date analyses: 18/05/2022 29/06/2022

> Place analyses: Labotex

Fabric composition: Date of request: 18/05/2022

Kobe Interior Fabrics Samples received: 23/05/2022 Customer:

Testing and conditioning in standard atmosphere, T (23+/-2)°C and RH (50+/-5)%

Specification	Results	Remarks !
M1-test		
NF P92-503	M1 M1	
NF P92-504	M2	
NF P92-505	МЗ	
	M4	
	NF P92-504 after 5x washing	
	M1 M1	
	M2	
	M3	
	M4	
B L A C 364-TEST	(more details: see annex and classification scheme)	

Labotex certifies that the results mentioned in this report are obtained after testing in accordance with the procedure and equipment specified by the concerned standards, unless noted differently.

Annick Gijsemans - Laboratory Manager

Labotex has the competence to perform tests in accordance with the requirements of standard NBN EN ISO/IEC 17025. The scope of this accreditation can be consulted on the BELAC website https://ng3.economie.fgov.be/NI/belac/labotesting/applic/accreditedc_nl.asp?certificatienummer=364-TEST Sampling is performed by the costumer. Fabric analysed as recieved. The results in this report only relate to the tested items.

Samples will be returned to the customer together with the certificate, if possible. Samples will not be retained, unless specified by the customer. Retained samples will be kept for maximum one year unless a specific retention period is necessary.

This report cannot be copied unless in its complete form and with written approval of Labotex (Kontich).

Uncertainty of measurement on the test result is not taken into account when assessing compliance with the specifications. When results are compliant to the specification, the square next to the result is empty. When the result is not compliant to the specification, the square is filled with a flag "V".

The uncertainty and the description of the methods are available at the lab on request.



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Results of NF P92-503 to 505

hole formation afterflame / afterglow time (s) cycle 1		sample 1	sample 2	sample 3	sample 4
NF P92-503 handling period (min) hole formation yes	side	face	reverse	face	reverse
hole formation afterflame / afterglow time (s) cycle 1	direction	warp	warp	weft	weft
afterflame / afterglow time (s) cycle 1	NF P92-503 handling period (min)	5	5	5	5
Cycle 1	hole formation	yes	yes	yes	yes
Cycle 2	afterflame / afterglow time (s)				
cycle 3	cycle 1	0.0	0.0	0.0	0.0
cycle 4 0.0 0.0 0.0 0.0 0.0 0.0 cycle 5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 cycle 6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 cycle 6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 cycle 7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 cycle 8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 cycle 9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	cycle 2	0.0	0.0	0.0	0.0
cycle 5	cycle 3	0.0	0.0	0.0	0.0
cycle 6 0.0 0.0 0.0 0.0 cycle 7 0.0 0.0 0.0 0.0 cycle 8 0.0 0.0 0.0 0.0 0.0 cycle 9 0.0 0.0 0.0 0.0 0.0 0.0 cycle 10 0.0 0.0 0.0 0.0 0.0 0.0 damaged length (mm) 148 144 160 139 damaged width (mm) 54 55 96 54 burning molten droplets no no no no not burning molten droplets yes yes yes yes burning debris no no no no no no Number of pieces per sample tested ignition of the cellulose no no no no no ignition of the sample after 0 0 0 0 0 flaming time of the sample 0 0 0 0	cycle 4	0.0	0.0	0.0	0.0
cycle 7	cycle 5	0.0	0.0	0.0	0.0
cycle 8 0.0 0.0 0.0 0.0 cycle 9 0.0 0.0 0.0 0.0 cycle 10 0.0 0.0 0.0 0.0 damaged length (mm) 148 144 160 139 damaged width (mm) 54 55 96 54 burning molten droplets ves yes yes yes burning debris no no no no no not burning debris yes yes yes yes Ves yes yes yes Weight of 1 piece 0.4000 0.4000 Number of pieces per sample tested ignition of the cellulose no no no no no ignition of the sample after 0 0 0 0 0 flaming time of the sample 0 0 0 0 0	cycle 6	0.0	0.0	0.0	0.0
cycle 9 0.0 0.0 0.0 0.0 cycle 10 0.0 0.0 0.0 0.0 damaged length (mm) 148 144 160 139 damaged width (mm) 54 55 96 54 burning molten droplets no no no no no not burning debris no no no no no no not burning debris yes yes yes yes Ves yes yes yes NF P92-505 weight of 1 piece 0.4000 Number of pieces per sample tested 5 1 2 1 2 1 2 2 2	cycle 7	0.0	0.0	0.0	0.0
Cycle 10	cycle 8	0.0	0.0	0.0	0.0
damaged length (mm) damaged width (mm) 54 55 96 54 burning molten droplets no not burning molten droplets yes yes yes yes yes yes yes	cycle 9	0.0	0.0	0.0	0.0
damaged width (mm) 54 55 96 54 burning molten droplets no no no no no no not burning molten droplets yes yes yes yes burning debris no no no no no no not burning debris yes yes yes yes yes NF P92-505 weight of 1 piece Number of pieces per sample tested ignition of the cellulose no no no no no no ignition of the sample after 0 0 0 0 0 flaming time of the sample 0 0 0 0 0	cycle 10	0.0	0.0	0.0	0.0
burning molten droplets no not burning molten droplets yes yes yes yes yes yes yes yes yes ye	damaged length (mm)	148	144	160	139
not burning molten droplets burning debris no not burning debris ves yes yes yes yes yes yes NF P92-505 weight of 1 piece Number of pieces per sample tested ignition of the cellulose no	damaged width (mm)	54	55	96	54
burning debris no per yes yes yes yes yes yes yes yes no	burning molten droplets	no	no	no	no
not burning debris yes yes yes yes yes yes yes y	not burning molten droplets	yes	yes	yes	yes
NF P92-505 weight of 1 piece Number of pieces per sample tested ignition of the cellulose ignition of the sample after flaming time of the sample 0 0 0 0 0 0	burning debris	no	no	no	no
Number of pieces per sample tested ignition of the cellulose no no no no no ignition of the sample after 0 0 0 0 flaming time of the sample 0 0 0 0	not burning debris	yes	yes	yes	yes
ignition of the cellulose no no no no no no ignition of the sample after 0 0 0 0 0 flaming time of the sample 0 0 0 0 0	NF P92-505 weight of 1 piece	0.4000			
ignition of the sample after 0 0 0 0 0 0 flaming time of the sample 0 0 0 0 0	Number of pieces per sample tested	5			
flaming time of the sample 0 0 0	ignition of the cellulose	no	no	no	no
	ignition of the sample after	0	0	0	0
burning droplets no no no no	flaming time of the sample	0	0	0	0
	burning droplets	no	no	no	no

ANA00022 Page 2 of 4 Approval date: 19/04/2022



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		sample 1	sample 2	sample 3	sample 4
	side direction	face	reverse	face weft	reverse weft
		warp	warp		
NF P92-504	droplets	not burning	not burning	not burning	not burning
132 30 1	afterflame time (s)	0.0	0.0	0.0	0.0
	artername time (5)	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
			0.0	0.0	
			0.0		
-504 after 5x washing	droplets	not burning	not burning	not burning	not burning
	afterflame time (s)	0.0	0.0	0.0	0.0
ormed after 5 washing cycles		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0			0.0
		0.0	0.0	0.0	0.0
			0.0	0.0	0.0
		0.0			
		0.0	0.0	0.0	

ANA00022 Page 3 of 4 Approval date: 19/04/2022



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Classification scheme

Criteria for M1 classification

NF P92-503

- * afterflame time ≤ 5s
- * damaged length ≤ 250mm
 - * no burning droplets

NF P92-504

- * afterflame time ≤ 2s
- * no burning droplets

NF P92-505

- * no ignition of the cellulose
 - * no burning droplets

Criteria for M2 classification

NF P92-503

- * afterflame time > 5s
- * damaged length ≤ 350mm
 - * no burning droplets

NF P92-504

- * afterflame time ≤ 5s
- * no burning droplets

NF P92-505

- * no ignition of the cellulose
 - * no burning droplets

Criteria for M3 classification

NF P92-503

- * afterflame time > 5s
- * damaged length ≥350mm and <600mm
- * damaged width ≤ 90mm at the length between 450 mm and 600mm
 - * no burning droplets

NF P92-504

- * afterflame time > 5s
- * no burning droplets

NF P92-505

- * no ignition of the cellulose
 - * no burning droplets

Criteria for M4 classification

If the fabric doesn't meet with the criteria for a M1, M2 or M3 classification, it is classified M4.

ANA00022 Page 4 of 4 Approval date: 19/04/2022