

Doc nummer	202301822	Report date:	21/06/2023		
Fabric reference:	Lexicon 810071	Date analyses:	26/05/2023 - 21/06/2		21/06/2023
		Place analyses:	Labotex		
		Date of request:	26/05/2023		
Customer:	BM Fabrics	Samples received:	5/06/2023		
	Hoogstraat 177 B				

Fabric composition: Weight (g/m²): Thickness (mm):

9550 Herzele

Specification	Results		Remarks	!	
NF P92-507: 2004					
NF P92-503: 1995	M1	M1			
NF P92-504: 1995	M2				
NF P92-505: 1995	М3				
	M4				
	not classified				
B B L A C 364-TEST	(more details: see annex and cl	assification scheme)			

the concerned standards, unless noted differently.

Labotex certifies that the results mentioned in this report are obtained after testing in accordance with the procedure and equipment specified by

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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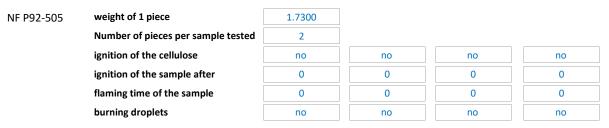
Results of NF P92-503 to 505

	sample 1	sample 2	sample 3	sample 4
side	face	reverse	face	reverse
direction	warp	warp	weft	weft

Condition of the samples in the climate chamber T (23±2)°C and RH (50±5%) for 9 days

-	amples at T (21±2)°C and RH (65±4%) for		_		_
NF P92-503	handling period (min)	5	5	5	5
	hole formation	yes	yes	yes	yes
	afterflame / afterglow time (s)				
	cycle 1	0.0	0.0	0.0	0.0
	cycle 2	0.0	0.0	0.0	0.0
	cycle 3	0.0	0.0	0.0	0.0
	cycle 4	0.0	0.0	0.0	0.0
	cycle 5	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
	cycle 9	0.0	0.0	0.0	0.0
	cycle 10	0.0	0.0	0.0	0.0
	damaged length (mm)	151	137	155	159
	damaged width (mm)	52	44	89	64
	burning molten droplets	no	no	no	no
	not burning molten droplets	yes	yes	yes	yes
	burning debris	no	no	no	no
	not burning debris	yes	yes	yes	yes

Condition of the samples in the climate chamber T (23±2) $^\circ C$ and RH (50±5%) for $\,$ 14 days





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	sample 1	sample 2	sample 3	sample 4
side	face	reverse	face	reverse
direction	warp	warp	weft	weft

Condition of the samples in the climate chamber T (23±2)°C and RH (50±5%) for 6 days

NF P92-504	droplets	no	no	no	no		
	afterflame time (s)	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		

Condition of the samples at T (21 \pm 2)°C and RH (65 \pm 4%) for -



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Classification scheme

Criteria for M1 classification

9550 Herzele

<u>NF P92-503</u> * afterflame time ≤ 5s * damaged length ≤ 250mm * no burning droplets

<u>NF P92-504</u> * afterflame time ≤ 2s * no burning droplets

<u>NF P92-505</u> * no ignition of the cellulose * no burning droplets

Criteria for M2 classification

<u>NF P92-503</u> * afterflame time > 5s * damaged length ≤ 350mm * no burning droplets

> <u>NF P92-504</u> * afterflame time ≤ 5s * no burning droplets

<u>NF P92-505</u> * no ignition of the cellulose * no burning droplets

Criteria for M3 classification

<u>NF P92-503</u> * afterflame time > 5s * damaged length ≥ 350mm and < 600mm * damaged width ≤ 90mm at the length between 450 mm and 600mm * no burning droplets

> <u>NF P92-504</u> * afterflame time > 5s * no burning droplets

<u>NF P92-505</u> * 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.