Report M1

Doc nummer:	202103472	Report date:	30/11/2021
Fabric reference:	Flark CS (5) (olive)	Date analyses:	9/11/2021 - 30/11/2021
		Place analyses:	Labotex
Fabric composition			
Customer:	Kobefab international De Vest 62 5555 XP Valkenswaard Netherlands	Date of request:	9/11/2021
		Samples received:	12/11/2021

Testing and conditioning in standard atmosphere, T (20+/-2)°C and RH (65+/-4)%

Specification		Results		Remarks	!
M1-test					
	NF P92-503	M1	M1		
	NF P92-504	M2			
	NF P92-505	M3			
		M4			
		(more details: see annex and classification scheme)			

BELAC 364-TEST

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.

Joeri Neys - 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 obtained on request.
The results in this report only relate to the tested items.
Samples will be returned to the customer 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 can not be copied unless in its complete form and with written approval of Labotex (Kontich).
Sampling is performed by the costumer. Fabric analysed as received.
Uncertainty of measurement on the test result is not taken into account when assessing compliance with the specifications.
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*
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)	145	149	150	147
	damaged width (mm)	57	55	64	60
	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

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Testing and conditioning in standard atmosphere, T (20+/-2)°C and RH (65+/-4)%

NF P92-504		sample 1	sample 2	sample 3	sample 4
	droplets	not burning	not burning	not burning	not burning
	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
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
	side	*face*	*reverse*	*face*	*reverse*
	direction	*warp*	*warp*	*weft*	*weft*

NF P92-505					
	weight of 1 piece	0.8700			
	Number of pieces per sample tested	3			
	ignition of the cellulose	no	no	no	no
	ignition of the sample after	0	0	0	0
	flaming time of the sample	0	0	0	0
	burning droplets	no	no	no	no

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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 ≤ 650mm
* damaged width ≤ 90mm
* 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.