

Motivul testarii/Reason for testing: Fabric Qualification 2022

Test comandat de / Ordered by: QA_ Baciu C

Standard utilizat/Standard method: PE-047-3 Fabric specification / TMS F2004

Tipul tesaturii/ Fabric type:46x46 Part no: 3135597-AA/ 2336787

Lotul/Lot no: PTR 20-009 Trial 9 (results acc DV matrix) Executant/Operator: Tatu M.

Verificat/Checked: Stoica M. - Laboratory leader

Yarn specifications: Yarn count : 470 dtex

Yam count Fabric Characteristic Weight Coating weight	EASC 9904 0180-A09 ISO 2060 Test Method	acc. COA supplier		Test Directio n		Docume ntation	Require ment	Average	Remarks		
Characteristic Weight			initial		dtex		470± 22	470	ок		
		Test Method Section	Test Condition	Test Directio n	Unit	Document ation	Require	Results Average	Remark s		
Coating weight	EASC 9904 0180-A09 DIN EN 12127 /	3.05	5.01.01.		g/m²		210±25	211.08	OK		
	ISO 3801	3.05	5.01.01.		g/m²		30 +5/-10	32.71	ОК		
Number of threads	EASC 9904 0180-A09 ISO 7211 /	3.06	5.01.01.	Warp	threads/dm		180±10	182	ОК		
	DIN EN 1049 P2 EASC 9904 0180-A09			Weft	threads/dm		180±10	181	OK		
Usable width	ISO 2286-1	3.08	5.01.01.		mm		≥ 2070	2090	ОК		
Thickness	EASC 9904 0180-A09 ISO 5084	3.09	5.01.01.		mm		0,29±0,05	0.29	OK		
	EASC 9904 0180-A09 ISO 13934 - 1		5.01.01.	Warp	N/5cm	сс	≥2500	3282	OK		
			0.01.01.	Weft	N/5cm		≥2500	3251	OK		
Tensile Strength		3.11	5.01.02.	Warp	N/5cm		≥2500	3301	OK		
rensile otterigti		3.11	5.01.02.	Weft	N/5cm		≥2500	3431	ок		
			5.01.03.	Warp	N/5cm		≥2500	3316	ОК		
				Weft	N/5cm		≥2500	3407	ОК		
	EASC 9904 0180-A09	3.11	5.01.01. 5.01.02.	Warp	%		35 ±15	34	ОК		
				Weft	%	cc	35 ±15	28	ОК		
Elongation at maximum				Warp	%		35 ±15	35	ОК		
force	ISO 13934 - 1			Weft	%		35 ±15	31	ОК		
			5.01.03	Warp	%		35 ±15	36	ОК		
				Weft	%		35 ±15	32	OK		
	EASC 9904 0180-A09			Warp	mm/min		≤ 80	SE/0	ОК		
Flammability	FMVSS 302 / ISO 3795	3.12	3.12	3.12	5.01.01.	Weft	mm/min	cc	≤ 80	SE/0	OK
				Warp	N		≥ 175	262	ОК		
			5.01.01.	Weft	N		≥ 175	290	ОК		
	EASC 9904 0180-A09			Warp	N		≥ 175	287	ОК		
Tear force	ISO 13937 -2	3.17	5.01.02.	Weft	N		≥ 175	310	ОК		
				Warp	N		≥ 175	246	ОК		
			5.01.03	Weft	N		≥ 175	268	OK		
			5.01.	01.	I/dm²/min		< 1	<0.3	OK		
Static Air Permeability	EASC 9904 0180-A09	3.18	5.01.	02.	I/dm²/min		< 1	<0.3	OK		
	ISO 9237		5.01.	03.	l/dm²/min		< 1	<0.3	OK		
	EACO 0004 0400 ACC			Warp	%		≤1	0	ОК		
Dimensional Change	EASC 9904 0180-A09 ISO 3759	3.20	5.01.01.	Weft	%		≤1	0	ОК		

5.01.01- initial condition 5.01.02 Heat aging H 5.01.03 Heat Humidity aging HH

Test report for annual burning behaviour

Form -Test method: DIN 75 200/1980, TL 1010/2008

Company Logo:

Supplier: Joyson Safety Systems Sibiu, Romania

Material: Woven Canvas Fabric 470DTEX 30G

Type of material	Airbag	fabric	
JC Part number / Batch number	2336787	3135597-AA	
Colour	Red		
Indication whether composite material	PA 6.6 Silico	ne sheated	
Batch number / production date	PTR 20-009 Trial 9	17.11.2021	

Sample:

Dimension	length	356 mm	
Dimension	width	100 mm	
Thickness (min./max.)		0.26 - 0.32 mm	

Test condition:

Standard atmosphere for testing	Relative humidity %	50		
Standard atmosphere for testing	Temperature °C	21		
Storage conditions of testing samples				
before examimation (hours)	24			
Gas burner	Dr. Wazau			
Used gas	Methan			
Gas flame (mm)	38			
Gas heating power (MJ/m3)	>50			
Flue gas circulation (m/s) - 100mm before				
defined position	0.21			
Flue gas circulation (m/s) - 100mm after				
defined position	0.23			
Time of flame application (s)	15			

Used measurement (ID number/validity)	= , 117,517
Used stopwatch (ID number/validity)	- Land.

Testing result:

		wa	rp			w	eft	
Sample No.	Time	Burning distance	Values found	Values & letters found *	Time	Burned distance	Values found	Values & letters found *
1	0.00	0.00	0.00	0/SE	0.00	0.00	0.00	0/SE
2	0.00	0.00	0.00	0/SE	0.00	0.00	0.00	0/SE
3	0.00	0.00	0.00	0/SE	0.00	0.00	0.00	0/SE
4	0.00	0.00	0.00	0/SE	0.00	0.00	0.00	0/SE
5	0.00	· 0.00	0.00	0/SE	0.00	0.00	0.00	0/SE

*	acc.	to	TL	1010	(≤ 100mm/	min)	

Test Date:

15.12.2021

Issued by:

Baciu C

Signature:



Special fea	itures of the	test (e.g.	Test with	supporting wires):
Condition	deviating fro	m this sta	andard:		

supporting wires were not used

Preparation of	the me	chanical	ahrasion	acc to	section	6 2	nara	2.
rieparation of	the me	chanica	i abi asion	acc.to	section	0.4	Dala	Э.

yes:

no:

We certify	that the i	result inside	this report	are correct and	complete and that	details correspond	to the requisities.

Definition:

DNI Do not ignite

SE Self-extinguishing

SE/NBR Self-extinguishing/no burning rate Self-extinguishing/burning rate SE/BR

BR Burning rate