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ATC
01-057

ACCREDITED
TESTING LABORATORY
SRPS ISO/IEC 17025

TEST REPORT No. 0260022

Client Name and Address : DIG DOO, Belgrade
12 Mladih Gorana

Sample Description / Condition : THREE-LAYER FABRIC F5 15122021 190/21

Sample Receipt Date : 07 February 2022

Sampling Performed By : SAMPLE SUBMITTED BY THE CLIENT

Testing Requested By : DIG DOO, Belgrade

Total Number of Pages : 2

Report Verified By:

Head of CIS Testing Laboratory

Ljiljana Parandilović, M.Sc. Mechanical Eng.



Report Approved By:

Director of CIS Institute

Dr. Mirjana Reljić, M.Sc. Mechanical Eng.

10 February 2022

Report Issue Date

- Testing was performed using the standard laboratory equipment of CIS Institute.
- This report applies exclusively to the submitted sample.
- The results presented refer only to the tested sample as received.
- CIS Laboratory is responsible only for the information contained in this report, except for information provided by the client.
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- This report has been issued in two original copies.
- Detailed test results are provided in the attached pages.

TEST REPORT No. 0260022**Sample Identification (Name):** THREE-LAYER FABRIC F5 15122021 190/21-C NAVY BLUE**Test Results:** ID 0260/1

Test Item	Test Method	Unit of Measure	Obtained Values
1. MASS PER UNIT AREA	ISO 3801:1977 METHOD 5	g/m ²	193.8
2. MAXIMUM TENSILE STRENGTH - warp direction - weft direction	SRPS EN ISO 13934-1:2015	N	966 792
3. RESISTANCE TO WATER ACTION - water repellency - resistance to hydrostatic pressure (pressure gradient 60 cm H ₂ O min)	ISO 4920:2012 SRPS EN ISO 811:2018	rating mmH ₂ O	100 (ISO 5) 13,150.0
4. WATER VAPOR PERMEABILITY UNDER STEADY-STATE CONDITIONS t _a = 35°C, R.H. = 40%	ISO 11092:2014	m ² ×Pa/W	15.19
5. FABRIC COMPOSITION LAYER I: POLYESTER LAYER II: PU MEMBRANE LAYER III: POLYESTER MESH	SRPS CEN ISO/TR 11827:2017 clauses 7.1.1. and 7.2.1. and annex D SRPS CEN ISO/TR 11827:2017 clauses 7.1.1. and 7.2.1. and annex D SRPS CEN ISO/TR 11827:2017 clauses 7.1.1. and 7.2.1. and annex D	% % %	100 100 100
6. DIMENSIONAL CHANGE AFTER WASHING AT 40 °C - warp direction - weft direction	ISO 5077:2007 SRPS EN ISO 3759:2012 SRPS EN ISO 6330:2015 washing process 4N, drying procedure A	%	-0.5 Ø
7. COLOUR FASTNESS TO: CHANGE / STAINING ON:		POLYESTER / COTTON	
- light	SRPS EN ISO 105-B02:2015	rating	5
- washing at 40°C	SRPS EN ISO 105-C06:2017	rating	4-5/4-5/4-5
- dry rubbing	SRPS EN ISO 105-X12:2017	rating	4-5/4-5
- wet rubbing	SRPS EN ISO 105-X12:2017	rating	4-5/4-5
- perspiration (acidic)	SRPS EN ISO 105-D01:2012	rating	4/4/4
- perspiration (alkaline)	SRPS EN ISO 105-E04:2014	rating	4-5/4-5/4-5
- seawater	SRPS EN ISO 105-E04:2014	rating	4-5/4-5/4-5
8. pH OF AQUEOUS EXTRACT	SRPS EN ISO 3071:2016	pH	7.3
9. RESISTANCE TO PILLING – PILLING BOX (after 5,000 cycles)	SRPS EN ISO 12945-1:2017	rating	4-5
10. RESISTANCE TO WATER ACTION – visual assessment of quality	SRPS EN ISO 14419:2012	rating	5

Test Performed By:

RLJ-02

TI-07



10 February 2022

Report Issue Date

Test Results Verified By:

Head of CIS Testing Laboratory

Ljiljana Parandilović, M.Sc. Mechanical Eng.