

PRÜFSTELLE TEXTIL

Durch die Deutsche Akkreditierungsstelle GmbH nach DIN EN ISO / IEC 17025 akkreditiertes Prüflaboratorium. Die Akkreditierung gilt für die in der Urkundenanlage aufgeführten Prüfverfahren.



Durch die Zentralstelle der Länder für Sicherheitstechnik (ZLS) akkreditierte Prüfstelle für Produkte im Sinne der EG-Richtlinie für Persönliche Schutzausrüstungen 89/686/EWG und des §9 Abs. 2 Gerätesicherheitsgesetz



Von der Federation Internationale de L'Automobile (FIA) Paris zugelassene Stelle zur Prüfung von hitze- und flammresistenter Schutzkleidung für Auto-Rennfahrer gemäß Standard FIA 8856-2000

UNTERSUCHUNGSBERICHT | TESTREPORT

Order No. STFI: 2012 0418
Order No applicant: -

Date of Test-Report: 27 March 2012
Testing officer: Mehnert/Beyer

Applicant: SOFILETA S.A.S. - Advanced Textiles
25, petite rue de la Plaine
F-38300 BOURGOIN-JALLIEU
FRANCE

Testing application:

as of 17 February 2012
order receipt on 17 February 2012
sample receipt on 13 February 2012



SÄCHSISCHES
TEXTIL
FORSCHUNGS
INSTITUT e.V.

Test specimen:

Marking by applicant	Marking for testing
Fabric 1102 - GA000, MC 41920 , colour navy, approx. 260 g/m ²	sample 01
Fabric 1102 - GA000 colour blue, approx. 270 g/m ²	sample 02
Fabric Competition 1 , colour navy, approx. 260 g/m ²	sample 03
Fabric Competition 2 , colour blue, approx. 265 g/m ²	sample 04
Fabric Competition 3 , colour blue, approx. 260 g/m ²	sample 05
Fabric 1100 - GA000 , colour blue, approx. 220 g/m ²	sample 06
Fabric 1117 - GA000 , colour black, approx. 225 g/m ²	sample 07

Sampling was carried out by applicant. In the testing house are no knowledge's about method of sampling.

Testing method / testing conditions:

Tests according to EN 1149-3:2004 in new condition and after different amount of washing cycles.

Pre-treatment: 10, 20 and 30 washing cycles 75°C according to ISO 15797, proc.8;
tumble drying after each 5 washing cycles

Property – Fabric	Test method ¹⁾
<u>EN 1149-5:</u> Electrostatic dissipative behaviour	EN 1149-3:2004, method 2 Test condition: relative humidity (25 ± 5)% temperature (23 ± 1)°C <i>according applicants request deviating tested without pre-treatment and after 10, 20, 30 washing cycles</i>

1) if available, the actual valid standard edition in German, identical to the international ones, is used for testing

Testing results:

Property – fabric	Dimension	Test results			
		sample 01 - fabric 1102-GA000, MC 41920			
EN 1149-3:		new	10 washing cycles	20 washing cycles	30 washing cycles
Half decay time t_{50} Shielding factor S	s	< 0,01 0,65	< 0,01 0,57	0,30 0,46	> 60 0,36

Property – fabric	Dimension	Test results			
		sample 02 - fabric 1102-GA000			
EN 1149-3:		new	10 washing cycles	20 washing cycles	30 washing cycles
Half decay time t_{50} Shielding factor S	s	< 0,01 0,81	< 0,01 0,82	< 0,01 0,82	< 0,01 0,82

Property – fabric	Dimension	Test results			
		sample 03 - fabric Competition 1			
EN 1149-3:		new	10 washing cycles	20 washing cycles	30 washing cycles
Half decay time t_{50} Shielding factor S	s	> 60 0,36	> 60 0,38	> 60 0,37	> 60 0,38

Property – fabric	Dimension	Test results			
		sample 04 - fabric Competition 2			
EN 1149-3:		new	10 washing cycles	20 washing cycles	30 washing cycles
Half decay time t_{50} Shielding factor S	s	< 0,01 0,80	< 0,01 0,79	< 0,01 0,79	< 0,01 0,79

Property – fabric	Dimension	Test results			
		sample 05 - fabric Competition 3			
EN 1149-3:		new	10 washing cycles	20 washing cycles	30 washing cycles
Half decay time t_{50} Shielding factor S	s	< 0,01 0,78	< 0,01 0,75	< 0,01 0,74	< 0,01 0,74

Property – fabric	Dimension	Test results			
		sample 06 - fabric 1100-GA000			
EN 1149-3:		new	10 washing cycles	20 washing cycles	30 washing cycles
Half decay time t_{50} Shielding factor S	s	0,05 0,49	> 5 0,40	> 30 0,38	> 60 0,25

Property – fabric	Dimension	Test results			
		sample 07 - fabric 1117-GA000			
EN 1149-3:		new	10 washing cycles	20 washing cycles	30 washing cycles
Half decay time t_{50} Shielding factor S	s	< 0,01 0,78	< 0,01 0,77	< 0,01 0,77	< 0,01 0,76

Test results refer to the delivered specimen. Single test values, statistical information and mentioned test reports are present in the test house and can be looked on request. The testing period is defined as timeframe between receipt of samples and issue date of test report. This Test Report consists of 4 Pages and shall not be published in parts.

i.v. Christ
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Head of the testing department



Lore Mehnert
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Responsible testing officer