

TECHNICAL REPORT

for

Dania Gleria
 Conceria Leonica Spa
 Via Rio Camparolo 4/B
 Lonigo (VI)
 36045
 Italy

Customer Order No:	230516	Job Reference:	NZ234-3733
Supplied by:	Conceria Leonica Spa	Date Work Confirmed:	17/05/2023
Supplying to:	Not specified	Date Completed:	25/05/2023
Description of Sample Submitted:	Leather	Unique Reference/Identifier:	REF/ TBC

BURNING BEHAVIOUR TESTING



The samples tested in this report have been assessed against the requirements of the specifications listed for the SELECTED TESTS ONLY. Statements of compliance against any specification relate exclusively to the sample tested as requested by the client and may not be representative of full specification testing:

***TB 117 – 2013 (Section 1-Cover Fabric)**

for the properties requested only and was found to:

Comply

with the requirements of the above regulation.

Additional comments/information (if relevant)



 Jamie Brennan
 Technical Report Writer



 Dan Holmes
 Head of Physical Testing

**CERTIFICATE OF ANALYSIS
BURNING BEHAVIOUR**

†Testing according to Technical Bulletin 117-2013, Section 1			
	TEST 1	TEST 2	TEST 3
Smouldering time in minutes	3	4	4
Vertical char length in inches	0.1	0.1	0.1
Cigarette burned entire length	No	No	No
Smouldering beyond 45 minutes?	No	No	No
Occurrence of flames	No	No	No
Comments	Pass	Pass	Pass

Ignition source: SRM 1196a Cigarette

Repeat test

†Testing according to Technical Bulletin 117-2013, Section 1			
	TEST 1	TEST 2	TEST 3
Smouldering time in minutes	3	4	5
Vertical char length in inches	0.1	0.1	0.1
Cigarette burned entire length	No	No	No
Smouldering beyond 45 minutes?	No	No	No
Occurrence of flames	No	No	No
Comments	Pass	Pass	Pass

Pass/Fail/Repeat criteria: A material is considered to pass or fail based on following criteria according to technical Bulletin 117-2013, Section 1, item 3.4:	
1.	A single mock-up - test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:
	a) The mock-up test specimen continues to smoulder after the 45minute test duration;
	b) A vertical char length of more than 1.8 inches (45mm) develops on the cover fabric.
	c) The mock-up test transitions to open flaming.
2.	The cover fabric passes the test if three initial mock-up specimens pass the test, i.e, the cigarettes burn their entire length and the mock-ups are no longer smouldering.
3.	If more than one initial specimen fails, the cover fabric fails the test.
4.	If any of the three initial specimen fails, repeat the test on additional three specimens.
5.	If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test.

Testing Image



UNCERTAINTY OF MEASUREMENT AND DECISION RULES:

SMOULDERING TIME = ± 15 SECONDS VERTICAL CHAR = 0.032 INCHES

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately 95 %.

Unless otherwise specified all compliance and pass/fail statements for physical test methods are binary simple acceptance based on the tolerance interval and, except for graded methods, a test uncertainty ratio greater (TUR) than 4:1.

For graded methods, the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit.

The Uncertainty budgets are stated for each test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements. In such cases, it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.

STANDARD TECHNICAL NOTES

(All may not be applicable)

Terms and Conditions	Our Terms and Conditions of Testing can be found at www.blcleathertech.com
†	Tests within the scope of accreditation. Tests without † are not UKAS accredited
Sampling Location	Unless specified in the test report, sample was taken from the official sampling location according to †BS EN ISO 2418:2017. If the sample was supplied as a swatch from the customer, sampling according to †BS EN ISO 2418:2017 is not possible.
SC	Test performed by a competent, Eurofins BLC approved partner laboratory
I/S	Insufficient Sample was submitted to perform the test
Opinions	Any opinions and interpretations expressed in this test report are based on current knowledge and experience and fall outside of the scope of ISO 17025 accreditation
Sample disposal	Stable samples will be disposed of after 6 weeks unless otherwise instructed. All other samples will be disposed of on completion of testing
Conditioning	Where necessary, the sample was conditioned and tested at $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ and $50\% \pm 5\% \text{RH}$ as specified in the reference standard atmosphere requirements of BS EN ISO 2419:2012 (leather) or in the alternative specific standard atmosphere requirements of BS EN ISO 139:2005 + A1:2011 (textile).
Composite analysis	If the result multiplied by the number of composited samples exceeds the requirement, then testing of the individual samples may be performed or recommended.
Decision Rule and Uncertainty of Measurement	Unless requested, the Eurofins BLC's decision rule and estimated uncertainties of measurement will be used. For further information, please visit Conformity and Uncertainty of Measurement in Testing (blcleathertech.com)