

TEXTILE LABORATORY SERVICES LIMITED

P.O. Box 50, Wharfebank Business Centre, Ilkley Road, OTLEY, LS21 3XD, United Kingdom

Tel: +44 (0)1943 850967 Fax: +44 (0)1943 850965 Email: info@tls-ltd.demon.co.uk

Regd. Office: 3 Victoria Road, Guiseley, England - No.1966147



TEST CERTIFICATE 24631/5-1

SAMPLE INFORMATION

Client **Limonta SpA**
Via C. Battisti, 15
23845 Costamasnaga
Lecco
ITALY.

Fabric Reference **Latt**
Descriptions are information
supplied by the client

Dimensions (approx) **151cm by 147cm full width**
Sample received **8/9/2009**

Testing to Schedule 4, Part 1 'The Cigarette Test' and Schedule 5, Part 1 'The Match Test' of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended) S.I. No. 1324 using BS 5852 : Part 1 : 1979

PRE-TREATMENT

The material was subjected to a water soak according to BS 5651 : 1978, as modified by the above regulations

CONDITIONING

All materials used were conditioned and tested in the environments specified in Clause 7 of BS 5852 : Part 1 : 1979 "Methods of test for the ignitability by smokers materials of upholstered composites for seating"

TESTING

Test results relate only to the sample tested.

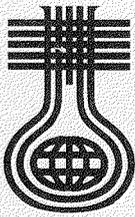
The material was tested according to BS 5852 : Part 1 : 1979 "Methods of test for the ignitability by smokers materials of upholstered composites for seating"

Note 1: The results of BS 5852 : Part 1 : 1979 relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use

The test results are shown in the tables below:-

Test Certificate No. **24631/5-1**

14/9/2009 Page 1 of 2



TEXTILE LABORATORY SERVICES LIMITED

P.O. Box 50, Wharfebank Business Centre, Ilkley Road, OTLEY, LS21 3XD, United Kingdom

Tel: +44 (0)1943 850967 Fax: +44 (0)1943 850965 Email: info@tls-ltd.demon.co.uk

Regd. Office: 3 Victoria Road, Guiseley, England - No.1966147



Cigarette Test

The sample was tested for Schedule 4, Part 1 over a combustion modified foam with a density of 22-24kg/m³, Foam reference: CME24HH

Specimen no	1	2
Time to ignition from application (min)	Did not ignite	Did not ignite
Duration of smouldering from application (min)	18	18
Time to cover split (min)	Observed on final inspection	Observed on final inspection
Melting	Yes	Yes
Dripping	No	No
Charring	Yes	Yes
Progressive smouldering on final inspection	No	No

Requirements: No flaming or progressive smouldering within a period of 1 hour from placement of the cigarette

Result of Cigarette Test: **PASS**

The combination of materials meets the flammability requirements of Schedule 4, Part 1 'The Cigarette Test' of the Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended) S.I. No. 1324

Butane Flame Test

The sample was tested for Schedule 5, Part 1 over non-fire retardant polyurethane foam with a density of 20-22kg/m³ as specified in the above regulations Foam reference: VP45

Specimen no	1	2
Time to ignition from application (s)	7	7
Duration of flaming, from removal (s)	>120*	>120*
Duration of smouldering from removal (s)	n/a	n/a
Time to cover split from application(s)	9	9
Melting	Yes	Yes
Dripping	No	No
Charring	Yes	Yes
Progressive smouldering on final inspection	n/a	n/a

* Extinguished by operator, escalating flaming combustion

Requirements: Duration of flaming from removal of source not greater than 120 seconds. Duration of smouldering from removal of source not greater than 15 mins

Result of Butane Flame Test **FAIL**

The sample does not meet the flammability requirements of Schedule 5, Part 1 'The Match Test' of the Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended) S.I. No. 1324

Signed:.....

Checked by:.....

J. M. Brown C Chem MRSC C Text FTI
Managing Director & Authorised Signatory