



**FIRE  
TECHNOLOGY  
SERVICES**

Wira House  
West Park Ring Road  
Leeds, LS16 6QL

Tel: +44 (0)113 259 1999  
Fax: +44 (0)113 278 0306  
Web: <http://www.bttg.co.uk/bctc>  
Email: [CSLeeds@bttg.co.uk](mailto:CSLeeds@bttg.co.uk)

Our Ref: 2700726/09/06  
Your Ref:  
Order No:

5 October 2006  
Page 1 of 4

Client: Pierre Frey (UK) Ltd  
251-253 Fulham Road  
London  
SW3 6HY

Job Title: **Fire Test**

Material Received: 22 September 2006

Description of Sample: One sample of fabric labelled: **F2500 Mohair Teddy -  
Composition: Mohair 65% & Cotton 35%.**

Brief: Fire Technology Services were requested to carry out a  
fire test on the sample of fabric supplied to BS 5852: Part  
2 Source 5.

*chib 5.*

UKAS Accreditation: Our Laboratories are UKAS accredited. However, it should be noted that tests marked \* are not UKAS accredited in this report. They are not included in the UKAS Accreditation Schedule for our laboratory, either due to the work not conforming fully to the standard (e.g. reduced number of specimens) or to it being outside the scope of our accreditation, or subcontracted.

Testing Atmosphere: Unless otherwise specified the sample has been conditioned and tested, where appropriate, in the standard atmosphere for conditioning and testing textiles (BS EN ISO 139:2005) of  $65 \pm 4\%$  r.h. and  $20 \pm 2^\circ\text{C}$ .



This report is incomplete without all the pages specified above  
FTS is a business centre of BTTG Testing & Certification Ltd, Company No. 4669650.  
Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL, England.  
The supply of all goods and services is subject to our conditions of sale, copies of which are available from our  
web site - [www.bttg.co.uk/GeneralDocs/TermsAndConditions.pdf](http://www.bttg.co.uk/GeneralDocs/TermsAndConditions.pdf)



1066  
Group



**Pierre Frey (UK) Ltd**

**FIRE TESTS ACCORDING TO BS 5852:1990  
Methods of Test for the Assessment of the ignitability of upholstered seating by  
smouldering and flaming ignition sources.**

**Date of Tests: 05/10/2006**

**Conditioning**

Immediately prior to testing the sample was placed in indoor ambient conditions for 72 hours and then conditioned in a standard atmosphere of  $20 \pm 5^{\circ}\text{C}$  temperature and  $50 \pm 20\%$  relative humidity for at least 16 hours.

The sample was tested in a room of volume  $25\text{m}^3$  and  $20^{\circ}\text{C}$

**Procedure**

The test was carried out in accordance with BS 5852:1990. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard.

Specimens of fabric were mounted over fillings of combustion modified high resilience foam of density about  $35 \text{ kg/m}^3$ .

Tests were made using ignition source 5 in accordance with Section 4 'Methods of test for the ignitability of upholstery composites' and pass classifications were assigned for each ignition source if the performance requirements stated below were met.

**Requirements**

Ignition Source	Maximum duration allowed for progressive smouldering	Maximum duration allowed for flaming
2	15 min after removal of burner tube	120 seconds after removal of burner tube
3		
4	60 minutes after ignition of wood crib	10 minutes after ignition of wood crib
5		
6	60 minutes after ignition of wood crib	13 minutes after ignition of wood crib
7		



**Pierre Frey (UK) Ltd**

Failure also occurs if:

- smouldering or flaming necessitates forcible extinction due to escalating combustion behaviour so it is unsafe to continue
- flaming or smouldering essentially consumes the specimen within the test duration
- smouldering reaches the extremities of the specimen, that is to either side or to the full thickness of the filling
- flaming reaches the extremities of the specimen other than the top of the vertical part of the test specimen
- flaming passes through the full thickness of the specimen within the test duration
- any specimen that on final examination shows evidence of charring, within the filling 100 mm from the nearest part of the original position of the source
- any debris that causes an isolated floor fire that does not meet the requirements stated in the above table

**Results**

The test results relate only to the ignitability of the combination of upholstery composites (section 5 of BS 5852:1990) under the particular conditions of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

During testing the following was noted:-

	Source 5	
	16	14
Time of ignition(s)	16	14
Time of Flame Extinction(s)	300	266
Time of Smoke Extinction(s)	505	558
Time of cover split(s)	DNS	DNS
Damage on seat width (mm)	105	110
Damage on seat length (mm)	75	80
Damage on seat depth (mm)	20	25
Damage on back width (mm)	105	115
Damage on back length (mm)	290	370
Damage on back depth (mm)	25	25
Melting (Yes or No)	No	No
Dripping (Yes or No)	No	No
Charring (Yes or No)	Yes	Yes
Other Phenomena		
Pass/Fail	Pass	Pass

DNS Material did not split







**FIRE  
TECHNOLOGY  
SERVICES**

Date: 5 October 2006  
Our Ref: 2700726/09/06  
Your Ref:  
Order No:  
Page 4 of 4

**Pierre Frey (UK) Ltd**

**Comment**

The results indicate that the above sample met the performance requirements for source 5.

The information contained on page no's 1/4 of this certificate is hereby certified to be a correct statement of the tests and investigations carried out by the Advanced Materials Services on the materials referred to.

Signed *B. Marsden* ..... Date *05/10/06*  
Mrs. B. Marsden  
Fire Technician

Reported By *M. Nunney* ..... Date *5.10.06*  
Mr M Nunney  
Executive Manager



**FIRE  
TECHNOLOGY  
SERVICES**

**Wira House  
West Park Ring Road  
Leeds, LS16 6QL  
England**

Tel: +44 (0)113 259 1999  
Fax: +44 (0)113 278 0306  
Web: <http://www.bttg.co.uk>  
Email: [csleeds@bttg.co.uk](mailto:csleeds@bttg.co.uk)

**For the attention of Dina Sabbour**

Pierre Frey (UK) Ltd  
251-253 Fulham Road  
London  
SW3 6HY

Our Ref: 2700726/09/06  
Your Ref:

5 October 2006

Dear Ms Sabbour,

With reference to your fax dated 20 September 2006, we now enclose our report on the sample of fabric submitted for testing.

Yours sincerely

*M. N*

M Nunney  
Executive Manager

