

Maxwell Road
Stevenage
Hertfordshire
SG1 2EW

T: +44(0) 1438 777 700
info@fira.co.uk

www.fira.co.uk

P.H.U WIN-PLAST

Sw ROCHA

219 C

Czestochowa 42-200

Poland

Our Ref: **TFFLF91710**

Date: 02 March 2020

Delivery Date: 18 February 2020

Test Dates: 20 - 27 February 2020

For the attention of katrina Desperak

SAMPLE(S) FOR TEST:

One, layered fibre – Ref: Layered Fibre

Note: The above descriptions are as supplied by the client and have not been verified by FIRA International who can take no responsibility for the accuracy of the description.

TEST REQUIREMENTS:

Schedule 2 Part I (based on BS 5852: 1982 Part 2)

RESULT:

Pass - P2

FIRA International is a UKAS TESTING Laboratory No. 0174

Tests marked "Not UKAS Accredited" in this Report are not included in the UKAS Accreditation Schedule for our laboratory.

Technical report references marked * indicate this report is supplementary to the previous report with the same reference.

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

This Report relates to the sample(s) submitted for test and no others. Additions, deletions or alterations are not permitted.

Test reports are given to the client in confidence, and may only be reproduced in whole or in part with written permission from FIRA International Limited. Note that the words "**tested by FIRA International**" may be used in subsequent publicity for the product; "approved" must **not** be used.

Tests are carried out on the understanding that neither FIRA International Limited nor its officers can accept any legal responsibility for information or advice given or opinions expressed whether in response to specific enquiries or otherwise. This Report is given subject to the Terms of Business of FIRA International Limited which are available at <https://www.fira.co.uk/images/FIRA-International-Limited-Standard-Terms-of-Business-2018.pdf>



TECHNICAL REPORT

DESCRIPTION

Enquiry No. TFFLF 91710

Item: One, layered fibre – Ref: Layered Fibre

Supplied by: **P.H.U WIN-PLAST**

The following test results 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.

FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988 - AMENDED 1989, 1993 AND 2010 SCHEDULE 2 PART I FOR NON FOAM FILLINGS (BASED ON BS 5852: 1982 PART 2).

Initial Inspection: Condition as new.

Conditioning: ≥3 days at indoor ambient conditions and ≥16 hours at 20±5°C & 50±20% rh.

Test Procedure: Test rig - as specified in 6.1.1 of BS 5852-2: 1982 shall be built up with the filling and covered with a FR polyester material as specified in paragraph 2 of Schedule 2 Part I of the above regulations (where the filling is loose the rig shall be lined with specified FR polyester).

Test Conditions: The test was conducted within the specified conditions of 15-30°C & 20-70% rh.

RESULTS

Ignition Source.	Application No.	Application Time	Flaming Time Following Removal of Source	Smoke/ Smoulder	Result - Ignition/ Non-Ignition
2	1	0min 40sec	0min 00sec	0min 06sec	PASS N/I
	2	0min 40sec	0min 00sec	0min 06sec	PASS N/I

COMMENTS

CLAUSE	SMOULDERING CRITERIA	App. 1	App. 2
4.1a	Smoke/ smoulder >30min after removal of ignition source	NO - PASS N/I	NO - PASS N/I
4.1c	Unsafe escalating smouldering	NO - PASS N/I	NO - PASS N/I
4.1d	Smouldering consumes assembly	NO - PASS N/I	NO - PASS N/I
CLAUSE	FLAMING CRITERIA	App. 1	App. 2
4.2a	Flaming >120 seconds following removal of ignition source	NO - PASS N/I	NO - PASS N/I
4.2d	Unsafe escalating combustion	NO - PASS N/I	NO - PASS N/I
4.2e	Test assembly consumed	NO - PASS N/I	NO - PASS N/I

Sufficient layered fibre was used to recreate the density required in the furniture as intended which in this instance was 9kg/m³.

CONCLUSION

On the basis of the test carried out on this loose fibre , Layered Fibre passes the flammability performance requirements of the test specified in Schedule 2 Part I of the Furniture and Furnishings (Fire) (Safety) Regulations 1988, amended 1989, 1993 and 2010.

Tested by: Vanessa Mitchell
Reported by: Barry Worrell
Approved by: Nathaly Da Silva
Senior Technician

***** End of Report *****

