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## P.H.U WIN-PLAST

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42-200

Our Ref: **FL – 16614-S1 A**

Date: 29 June 2021

Delivery Date: 08 June 2021

Test Dates: 08-21 June 2021

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

\*\*Test carried out on a small rig due to insufficient fillings

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FL - 16614-S1 A  
Page 1 of 2

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# TECHNICAL REPORT

## DESCRIPTION

Enquiry No. FL - 16614-S1 A

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 03sec	PASS N/I
	2	0min 40sec	0min 00sec	0min 03sec	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 10kg/m<sup>3</sup>.

## CONCLUSION

On the basis of the test carried out on this layered 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: Luis Mitchell  
Approved by: Nathaly Da Silva  
Operations Co-Ordinator - Testing

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

