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Custompac Ltd

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Our Ref: **TFFLF74614**

Date: 09 August 2017

Delivery Date: 14 July 2017

Test Dates: 17 July – 04 August 2017

For the attention of Andrew Corney

SAMPLE(S) FOR TEST:

Polystyrene Beads – Ref: Loose Fill Polystyrene- No Reference Supplied

Note: The above descriptions are as supplied by the client and have not been verified by FIRA 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

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TECHNICAL REPORT

DESCRIPTION

Enquiry No. TFFLF74614

Item: Polystyrene Beads – Ref: Loose Fill Polystyrene- No Reference Supplied

Supplied By: **Custompac Ltd**

Initial Inspection: Condition as new

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

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).

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).

Initial Inspection: Condition as new

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

Test conditions: 21.6°C & 58.9% 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 01sec	0min 06sec	PASS N/I
	2	0min 40sec	0min 01sec	0min 07sec	PASS N/I

COMMENTS

Sufficient polystyrene beads was used to recreate the density required in the furniture as intended which in this instance was 10kg/m³.

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 combustion	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

CONCLUSION

On the basis of the test carried out on these polystyrene beads, Ref: Loose Fill Polystyrene- No Reference Supplied 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:
Reported by:
Approved by:

Stephen Cotton
Nathaly Da Silva
Laura Gallop
Senior Technician - Flammability

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

