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Our Ref: **TFFLF53806**

Date: 10th September 2014

Delivery Date: 21st August 2014

Test Dates: 22nd August – 2nd September 2014

For the attention of Robin Wass

SAMPLE(S) FOR TEST :

One, Plastic Tray sample

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:

BS 5852: 2006, Clause 12 Ignition Source 0
BS 5852: 2006, Clause 12 Ignition Source 1
BS 5852: 2006, Clause 12 Ignition Source 5

RESULT:

Pass
Pass
Fail

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TECHNICAL REPORT

DESCRIPTION

Enquiry No. TFFLF53806

Item: One, Plastic Tray sample

The following test results relate only to the ignitability of the complete item (BS 5852: 2006 Clause 12) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

TEST RESULTS

IGNITABILITY TEST ACCORDING TO BS 5852: 2006 – METHODS OF THE TEST FOR ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERED SEATING BY SMOULDERING AND FLAMING IGNITION SOURCES. CLAUSE 12

Conditioning: ≥ 3 days at indoor ambient conditions and ≥ 24 hours at $20 \pm 5^\circ\text{C}$ & $50 \pm 20\%$ rh

Initial Inspection: Condition as new

Test conditions: 22.3°C & 57.4% rh

Ignition Source	Ignition/ Non-Ignition	Duration of			
		Ignition Source	Flames	Smoke/ Smoulder	
0	1	PASS (N/I)	17min 46sec	N/A	19min 23sec
	2	PASS (N/I)	17min 32sec	N/A	19min 10sec
1	3	PASS (N/I)	20sec	20sec	21sec
	4	PASS (N/I)	20sec	20sec	21sec
5	5	PASS (N/I)	3min 06sec	3min 22sec	5min 05sec
	6	FAIL	3min 04sec	5min 13sec	Ext.
	7	N/A	N/A	N/A	N/A
	8	N/A	N/A	N/A	N/A

Position 1 and 2: Ignition source placed on top of tray
Position 3 and 4: Ignition source placed on top of tray
Position 5: Ignition source placed on top of tray
Position 6: Ignition source placed against side of tray

OBSERVATIONS:

After ignition of the crib the plastic tray ignited and the rate of fire development was such that it became unsafe to continue, therefore the test was terminated.

TECHNICAL REPORT

CONCLUSION

This Plastic Tray sample passes the requirements of BS 5852: 2006 Clause 12, Ignition source 0.

This Plastic Tray sample passes the requirements of BS 5852: 2006 Clause 12, Ignition source 1.

This Plastic Tray sample fails the requirements of BS 5852: 2006 Clause 12, Ignition source 5.

Tested by: Barry Worrell
Reported by: Dan Beauchamp
Approved by: Stephen Cotton
Technical Specialist – Flammability

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