Technical Report: **96251400732** MAY 27, 2025
Date Received: MAY 20, 2025

CTY TNHH VINH DUC
AP MOI 1, MY HANH NAM, DUC HOA, LONG AN

Sample Description:	UK FR BS5852 CRIB 5 PU FOAM		
Vendor:	VINH DUC FOAM ENTERPRISE LTD	Sample Size:	/
Manufacturer:	CTY TNHH VINH DUC	VPN:	/
Buyer:	/	SKN/SKU No.:	AB051826E01, AB051828E01, AB051830E01
Agent:	/		/
Labeled Age Grade:	/	PO No.:	/
Appropriate Age Grade:	/	Ref #:	/
Client Specified Age Grade:	/	Country of Origin:	VIETNAM
Tested Age Grade:	/	Assortment No.:	/
UPC Code:	/	Department No.:	/
Phase of Production:	PRODUCTION	Item#:	/
Color:	YELLOW	Date of Production:	18/05/2025
Program:	/	Model/Style#:	E2650, E2670, E2850, E3020, E3050, E3070, UE2810
Previous No:	N/A	Country of Destination:	UNITED KINGDOM

TEST PROPERTY	PASS	FAIL	DATA	N/A	Remark
SI 1324:1988, Schedule I Part I (BS 5852-2: 1982, source 5)	X				

Note(s):

- Prior to testing, the sample was conditioned in indoor ambient conditioned for 72 hours and then in a standard atmosphere having a temperature of 20±5°C and a relative humidity of 50±20% RH for a minimum of 16 hrs.

Bureau Veritas
Consumer Products Services (VN) Ltd.
Lot C7-C9, Conurbation 2, Cat Lai Industrial Zone,
Thanh My Loi Ward, Thu Duc City, HCMC, Vietnam
Tel: 84-028-37421604~6 Fax: 84-028-37421603
website:www.bureauveritas.com/cps

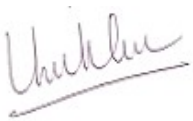
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If there is any question regarding this report, please contact the following lab personnel:

Administrative inquiries, please contact:
Primary Contact: Elise Vo, Tel: 84-028-37421-604 ~ 6, Ext: 394; email: elise.vo@bureauveritas.com
Back-up Contact: Cynthia Vuong, Tel: 848-37421-604 ~ 6, Ext: 641; email: cynthia.vuong@bureauveritas.com

Technical inquiries, please contact:
Primary Contact: Terry Nguyen, Tel: 84-028-37421-604 ~ 6, Ext: 355; email: terry.nguyen@bureauveritas.com
Back-up Contact: Louis Tran, Tel: 84-028-37421-604 ~ 6, Ext: 339; email: louis.tran@bureauveritas.com

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (VN) LTD.



TERRY NGUYEN
LAB MANAGER – HARDLINE, TOYS & JUVENILE PRODUCTS DIVISION

RESULT(S):

Ignitability test for polyurethane foam in slab or cushion form

Test Method : SI 1988 No.1324 furniture & furnishings (fire) (safety) regulations 1988 schedule 1 part I (BS 5852-2: 1982, source 5)

Tested Item(s) : UK FR BS5852 CRIB 5 PU FOAM

Specimen no.		**Sp. A**	**Sp. B**
Testing position		Middle	Middle
Ignition (I) / Did not ignite (DIN) / Ignite but extinguished (IBE) / Surface flash burn (SFB)		IBE	IBE
Progressive smouldering (PS) or Flaming (F)		PS & F	PS & F
Duration of	Ignition source (min, sec)	3 min, 15 sec	3 min, 42 sec
	Flames (min, sec)	3 min, 15 sec	3 min, 42 sec
	Smoke (min, sec)	6 min, 4 sec	6 min, 55 sec
Extent of damage of horizontal component	Foam - Width (mm)	160	165
	Foam - Length (mm)	85	88
	Foam - Depth (mm)	58	65
Extent of damage of vertical component	Foam - Width (mm)	145	150
	Foam - Depth (mm)	60	65
Damage exceeds limits of clauses 4.1(e), 4.1(f) or 4.2(f)		/	/
Initial weight before test (g)		786	786
Finial weight after test (g)		/	/
Resultant mass loss (g)		/	/
Reason for failure (Ref to failure code)		/	/
Finial examination of progressive smouldering (9.4)		NO	NO
Comments & observations		/	/
Overall result		Pass	Pass

Failure Code:

For Progressive smouldering failure:

4.1(b) – Any composite that product externally detectable amounts of smoke, heat or glow 60 min after ignition of the crib.

4.1(c) – Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and requires forcible extinction.

4.1(d) – Any composite that smoulders until it is essentially consumed within the test duration relevant to the source.

4.1(e) – Any composite that smoulders to the extremities of the specimen viz upper or lower margins, either side or to its full thickness, within the duration of the test.

4.1(f) – Any composite that, on the final examination, shows evidence of charring other than discolouration, more than 100 mm in any direction apart from upwards from the nearest part of the original position of the source.

For Flaming failure:

4.2(b) – Any composite that continues to flame for more than 10 minutes after the ignition of the crib.

4.2(d) – Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and forcible extinction is required.

4.2(e) – Any composite that burns until it is essentially consumed within the test duration relevant to the source.

4.2(f) – Any composite on which any flame front reaches the lower margin, either side or passes through the full thickness of the specimen within the duration of the test.

If failure against the criteria of clause 4 of BS 5852:Part 2 has occurred but only by way of damage exceeding the limits defined in clause 4.1(e), 4.1(f) and 4.2(f) and provided that the resultant mass loss is less than 60g the foam passes the ignitability test.

