



Technical Report: (9620) 105-0400
Date Received: APRIL 16, 2020

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UNION WINNER INTERNATIONAL CO., LTD
BLOCK B17, NO.7 STREET, TAN DO INDUSTRIAL PARK, BINH TIEN 2 HAMLET, DUC HOA HA COMMUNE,
DUC HOA DISTRICT, LONG AN PROVINCE VIETNAM . ZIP CODE : 854000

Sample Description:	30X14MM PVC BOTTOM RAIL, SIZE: 22.5", QTY: 1 PCS. 1" PVC LIGHT FILTERING SLAT, SIZE: 22.5", QTY: 6 PCS.		
Vendor:	UNION WINNER INTERNATIONAL CO., LTD	Sample Size:	/
Manufacturer:	/	VPN:	/
Buyer:	/	SKN/SKU No.:	/
Agent:	/		
Labeled Age Grade:	/	PO No.:	/
Appropriate Age Grade:	/	Ref #:	/
Client Specified Age Grade:	/	Country of Origin:	/
Tested Age Grade:	/	Assortment No.:	/
UPC Code:	/	Department No.:	/
Phase of Production:	/	ITEM#:	/
Color:	/	Date of Production:	/
Program:	/	Model/Style#:	/
Previous No:	N/A	Country of Destination:	/

TEST:

1. CPSIA Total Lead Content In Substrate Materials
2. UL 94 - Horizontal Burn. Classification
Flammability Testing

EXECUTIVE SUMMARY:

The sample(s) MEETS the following requirement(s):

1. The total lead content of 100ppm requirements in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008).

The sample(s) was tested to the following requirement(s) and the data provided is for informational purposes only:

2. The UL 94 - Horizontal Burn. Classification Flammability Testing requirements of the client's specification.

Note(s):

- This report includes the test result(s) which was conducted & reviewed by Analytical department.



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@vn.bureauveritas.com

Back-up Contact: Angelina Hong, Tel: 84-028-37421-604 ~ 6, Ext: 868; email: angelina.hong@vn.bureauveritas.com

Technical inquiries, please contact:

Primary Contact: Terry Nguyen, Tel: 84-028-37421-604 ~ 6, Ext: 355; email: terry.nguyen@vn.bureauveritas.com

Back-up Contact: Ron Nguyen, Tel: 84-028-37421-604 ~ 6, Ext: 313; email: ron.nguyen@vn.bureauveritas.com

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (VN) LTD.

TERRY NGUYEN

AUTHORIZED REPORT APPROVER – HARDLINE, TOYS & JUVENILE PRODUCTS DIVISION



SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

Test Item(s)	Sample description/ Location	Material	Style(s)
I001	Slats	Soft Plastic	-
I002	Head rail	Hard Plastic	-
I003	Bottom rail	Hard Plastic	-

TEST RESULT

**Total Lead Content in Substrate:
- Consumer Product Safety Improvement Act (CPSIA) of 2008**

Test Method : U.S. CPSC-CH-E1001-08.3 / EPA 3050B Modified (For Metal)
U.S. CPSC-CH-E1002-08.3 / EPA 3051 / EPA 3052 Modified (For Non-Metal)

Maximum Allowable Limit :		100 mg/kg		
-	Unit	Result		
Test Item(s)	-	I001	I002	I003
Parameter	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND
Conclusion	-	PASS	PASS	PASS

Note / Key :

ND = Not detected

NA = Not applicable

">" = Greater than

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

10000 mg/kg = 1 %

% = percent

Detection Limit (mg/kg) : 10

UL 94 Datasheet Section 12- Horizontal Foam Classification Description: 1" PVC Light Filtering Slat 0.8mm thick							
Sample	Afterflame (sec)	Afterflame +Afterglow (sec)	Damaged length of each rod (mm)	Ignition of cotton batting (Y/N)	Burn Rate (mm/min)	Did afterflame/ afterglow extinguish before 125mm (Y/N)	Overall Classification (HF-1, HF-2, HBF)
Conditioning according to 6.1 (2 days)							
1	0.0	0.0	<25mm	N	NBR	Y	HF-1
2	0.0	0.0	<25mm	N	NBR	Y	HF-1
3	0.0	0.0	<25mm	N	NBR	Y	HF-1
4	0.0	0.0	<25mm	N	NBR	Y	HF-1
5	0.0	0.0	<25mm	N	NBR	Y	HF-1
Conditioning according to 6.2 (7 days)							
1	0.0	0.0	<25mm	N	NBR	Y	HF-1
2	0.0	0.0	<25mm	N	NBR	Y	HF-1
3	0.0	0.0	<25mm	N	NBR	Y	HF-1
4	0.0	0.0	<25mm	N	NBR	Y	HF-1
5	0.0	0.0	<25mm	N	NBR	Y	HF-1
Overall Classification:							HF-1

KEY: NI = No Ignition SE = Self Extinguished NBR = No Burn Rate Y = Yes N= No

Flammability rating UL 94 Section 12		
Test criteria	HF-1	HF-2
Afterflame time (s)	4/5 ≤ 2 1/5 ≤ 10	4/5 ≤ 2 1/5 ≤ 10
Afterflame time plus afterglow time for each individual rod (s)	≤ 30s	≤ 30s
Burning dripping (inflammation of the cotton wool)	No	Yes
Damaged length of each rod (mm)	<60mm	<60mm
Notes: 4/5 - Four out of a set of five specimens. 1/5 - One out of a set of five specimens.		

Criteria for HBF ratings

- Burning rate ≤ 40mm over a distance of 100 mm
- Flame or glow is extinguished before 125 mm mark

