

Applicant: King Air Grille co., Ltd.
ADDRESS: 217, 219 Pachautit 76, Tungkru, Tungkru Bangkok 10140
Thailand

Date: September 21, 2026

Sample Submitted:

Sample name: AIR GRILLE / AIR VENT
Quantity of sample: 10 Pcs
Date sample received: August 26, 2026
Date test conducted: August 26, 2026 to September 11, 2026

Test Information:

Test Item: FLAMMABILITY TEST (VERTICAL BURNING TEST)
Test standard: According with standard UL94: 2014 (VERTICAL BURNING TEST)



Conclusion:

No.	Test items	Test Result		
		Specifications	Results	Judgment
3	Flammability UL94 V-0	V-0	V-0	Pass

Test conducted:

According with standard UL94: 2014 (VERTICAL BURNING TEST).

Authorized by :

For Intertek Testing Services (Thailand) Ltd.

Prasert Khunnarong
Lab manager/Transportation Technologies Department

Test result: Following test standard UL94 (CONDITIONING AT 23 + 2°C, 50 + 10% RH FOR 48 HOURS)

Test items		Units	Criteria			Test Result				
			V-0	V-1	V-2	#1	#2	#3	#4	#5
Flammability Before aging (Conditioning at 23 ± 2 °C 50±5% RH 48 hours)	After glow time for each individual specimen (T1)	s	≤ 10 S	≤ 30 S	≤ 30 S	0	0	0	0	0
	After glow time for each individual specimen (T2)	s	≤ 10 S	≤ 30 S	≤ 30 S	0	0	0	0	0
	Total after flame time for any condition set (T1+T2 for the 5 specimens)	s	≤ 50 S	≤ 250 S	≤ 250 S	0*				
	After flame plus afterglow time for each individual specimen after the second flame application (T2+T3)	s	≤ 30 S	≤ 60 S	≤ 60 S	0	0	0	0	0
	After flame or afterglow of any specimen up to the holding clamp	-	No	No	No	No	No	No	No	No
	Cotton indicator ignited by flaming particles or drops	-	No	No	Yes	No	No	No	No	No

Test result: Following test standard UL94 (CONDITIONING $70 \pm 1^\circ\text{C}$ 168 hours)

Test items		Units	Criteria			Test Result				
			V-0	V-1	V-2	#1	#2	#3	#4	#5
Flammability Before aging (Conditioning at $70 \pm 1^\circ\text{C}$ 168 hours)	After glow time for each individual specimen (T1)	s	$\leq 10\text{ S}$	$\leq 30\text{ S}$	$\leq 30\text{ S}$	0	0	0	0	0
	After glow time for each individual specimen (T2)	s	$\leq 10\text{ S}$	$\leq 30\text{ S}$	$\leq 30\text{ S}$	0	0	0	0	0
	Total after flame time for any condition set (T1+T2 for the 5 specimens)	s	$\leq 50\text{ S}$	$\leq 250\text{ S}$	$\leq 250\text{ S}$	0*				
	After flame plus afterglow time for each individual specimen after the second flame application (T2+T3)	s	$\leq 30\text{ S}$	$\leq 60\text{ S}$	$\leq 60\text{ S}$	0	0	0	0	0
	After flame or afterglow of any specimen up to the holding clamp	-	No	No	No	No	No	No	No	No
	Cotton indicator ignited by flaming particles or drops	-	No	No	Yes	No	No	No	No	No

Conclusion: Material classification: V-0

Remarks:

- *T1 + T2 was calculate from five submitted test specimens from the client.
- T1 = After flame time after first flame application (s)
- T2 = After flame time after second flame application (s)
- T3 = After glow time after second flame application (s)
- T1 + T2 = After flame time after first flame application plus after flame time after second flame application (s)
- T2 + T3 = After flame time after second flame application plus after glow time after second flame application (s)

Test specimens prepared by client

TEST REPORT

The report shall not be reproduced without written approval from Intertek
The results relate only to the item tested.

Number: 26084653BKK-001

*****END*****/PT/NS

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