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## **Test Report**

Report No.: KN-2502-0397-A

Applicant Company: Ningbo Langchi New Materials Technology Co., Ltd.

Address: No. 59 Lixin Road, Zonghan Street, Cixi City, Zhejiang province

Sample Description: Single-Layer Flame Retardant Hose/Flame Retardant Polyurethane

Model: LCFRPU

Source of Sample: SUBMITTED BY CLIENT.

Test Item: Burning Test (UL94 V0)

Date of Sample Received: Feb. 27, 2025

Date of Testing: Feb. 27, 2025 to Mar. 03, 2025

Date of Report Released: Mar. 04, 2025

Shanghai KUIEN Technical Testing Service Co.,

Reporter / Main testing:

Verifier:

Sun Jun

Date:Mar. 04, 2025

Landy Luan

Date:Mar. 04, 2025

Date:Mar. 04, 2025

Approve

Shanghai KUIEN Technical Testing Service Co., LTD

Address: Building 3, No.222, East Jiangtian Road, Songjiang District,

Shanghai

Phone: +86 21 57863965

Email:cs@kuien.com.cn

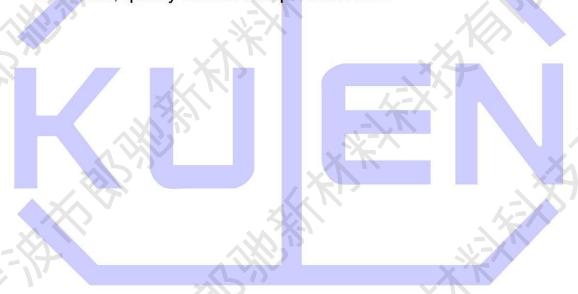


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Address: Building 3, No.222, East Jiangtian

Road, Songjiang District, Shanghai Phone: +86 21 57863965

Email: cs@kuien.com.cn

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## The test results are listed as below:

VB 50W Flame	Specim en No.	Specimen thickness (mm / in.)	Afterflam e time after the first 10s flame applicati on (t <sub>1</sub> ) (s)	Afterflam e time after the second 10s flame applicati on (t <sub>2</sub> ) (s)	Afterglo w time after the second 10s flame applicati on (t <sub>3</sub> ) (s)	t <sub>1</sub> +t <sub>2</sub> (s)	t <sub>2</sub> +t <sub>3</sub> (s)	Afterflame afterglow of up to the holding clamp (YES or NO)	Cotton indicator ignited by flaming particles or drop (YES or NO)	Result	
	1	3.2 / 1/8	0	1.0	0	1.0	1.0	NO	NO		
	2	3.2 / 1/8	0	2.0	0	2.0	2.0	NO	NO		
	3	3.2 / 1/8	0	1.0	0	1.0	1.0	NO	NO	V-0	
	4	3.2 / 1/8	0	1.0	0	1.0	1.0	NO	NO		
	5	3.2 / 1/8	0	0	0	0	0	NO	NO		

Materials Classification according to VB test:

	Criteria conditions	V-0	V-1	V-2
Α	Maximum afterflame time for each individual specimen t <sub>1</sub> or t <sub>2</sub>	≤10s	≤30s	≤30s
В	Total afterflame time of any condition set $t_1$ plus $t_2$ for the 5 specimens $\Sigma(t_1+t_2)$	≤50s	≤250s	≤250s
	Maximum afterflame plus afterglow time for each individual specimen after the second flame application $(t_2+t_3)$	≤30s	≤60s	≤60s
D	Afterflame or afterglow of any specimen up to the holding clamp	NO	NO	NO
E	Cotton indicator ignited by flaming particles or drops	NO	NO	Yes

NVC = Non-Vertical-Classification: any material that cannot pass V2 classification in a VB test.

Shanghai

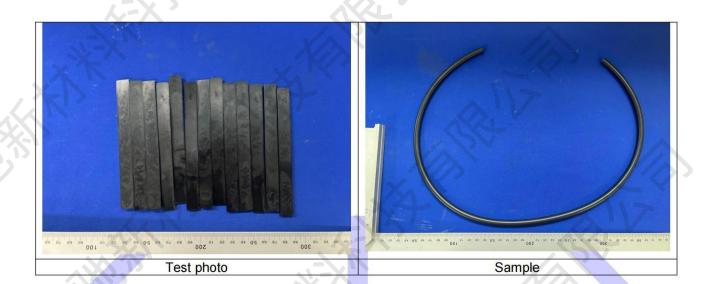
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## Sample photo



-End of report-

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