

Report of the Requested Test

1. Test Client

- Manufacture : BrainDrop Co., Ltd.
- Address : Room 1106, Bando Ivy Valley, 166 Yeongsin-ro, Yeongdeungpo-gu, Seoul, South Korea

2. Product : TFNF treated (Wood)

3. Request date and number : August 13, 2026 / No. 2602895

4. Test Results

Items		Standards	Results			Remarks
			1	2	3	
Flammability (45° Combustion Test)	After flame time	Less than 10 s	0.0 s	0.0 s	0.0 s	
	After glow time	Less than 30 s	0.0 s	0.0 s	0.0 s	
	Char area	Less than 50 cm ²	36.3 cm ²	34.8 cm ²	39.9 cm ²	
	Char length	Less than 20 cm	8.5 cm	8.3 cm	8.8 cm	

Use of Report : Self-references.

Test Conditions : Temperature (20.0 ± 15.0) °C, Humidity (50 ± 30) % R.H.

Test Methods : Standard of flame retardant performance(National Fire Agency Notice No. 2022-29) Article 6.

5. Test Person in charge : Testing & Certification 1 Dept. Chae, Ji Won

Note 1. This is to certify that the tested sample has been requested by the above mentioned manufacturer.

2. This result cannot be used for the advertisement, administrative litigation & law suit etc.

3. This report is valid for one year from the date of original report issued.

4. This test report is irrelevant to KS Q ISO/IEC 17025 and KOLAS accreditation.

Date : August 18, 2026

KIM CHANG JIN

President :

Korea Fire Institute