

No. 0307/ **8691**



To Leewattana Products Co., Ltd.

The Department of Science Service presents the test report for the sample named "PVC J-501" Laboratory No. L66/04208.1 as the total of 1 sample with reference to the request No. L66/04208 dated 3 May 2023

Enclosed herewith the following result avails for your acknowledgement.



Division of Engineering Materials

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## TEST REPORT

Sample's name

PVC J-501

Mark / Brand

Leetech

Laboratory No.

L66/04208.1

### Test Results

Flammability

- Flame class

The material identified in this report met the criteria to qualify for V-0 classification.

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Department of Science Service, Ministry of Higher Education Science Research and Innovation

Rama VI Road, Ratchathewi, Bangkok 10400, Thailand

| Test item                                                                                                              | Flame class |            | Results    |                                              |      |      |      |      |                                       |      |      |      |      |
|------------------------------------------------------------------------------------------------------------------------|-------------|------------|------------|----------------------------------------------|------|------|------|------|---------------------------------------|------|------|------|------|
|                                                                                                                        | V-0         | V-1        | V-2        | Preconditioned at 23 °C, 50% RH for 48 hours |      |      |      |      | Preconditioned at 70 °C for 168 hours |      |      |      |      |
| - Specimen No.                                                                                                         |             |            |            | 1                                            | 2    | 3    | 4    | 5    | 1                                     | 2    | 3    | 4    | 5    |
| - Thickness, mm                                                                                                        |             |            |            | 2.34                                         | 2.41 | 2.32 | 2.31 | 2.36 | 2.83                                  | 2.67 | 2.36 | 2.64 | 2.55 |
| 1. Afterflame time after first flame application for each individual specimen $t_1$ , s                                | $\leq 10$   | $\leq 30$  | $\leq 30$  | 0                                            | 0    | 0    | 0    | 0    | 0                                     | 0    | 0    | 0    | 0    |
| 2. Afterflame time after second flame application for each individual specimen $t_2$ , s                               | $\leq 10$   | $\leq 30$  | $\leq 30$  | 1.5                                          | 0    | 0    | 1.0  | 0    | 0                                     | 0    | 1.0  | 0    | 0.5  |
| 3. Afterglow time after second flame application for each individual specimen $t_3$ , s                                | -           | -          | -          | 0                                            | 0    | 0    | 0    | 0.5  | 0                                     | 0.5  | 0    | 0    | 0.5  |
| 4. Total afterflame time for any condition set ( $t_1$ + $t_2$ for the 5 specimens), s                                 | $\leq 50$   | $\leq 250$ | $\leq 250$ | 2.5                                          |      |      |      |      | 1.5                                   |      |      |      |      |
| 5. Afterflame plus afterglow time for each individual specimen after the second flame application ( $t_2$ + $t_3$ ), s | $\leq 30$   | $\leq 60$  | $\leq 60$  | 1.5                                          | 0    | 0    | 1.0  | 0.5  | 0                                     | 0.5  | 1.0  | 0    | 1.0  |
| 6. Afterflame or afterglow of any specimen up to the holding clamp                                                     | No          | No         | No         | No                                           | No   | No   | No   | No   | No                                    | No   | No   | No   | No   |
| 7. Cotton indicator ignited by flaming particles or drops                                                              | No          | No         | Yes        | No                                           | No   | No   | No   | No   | No                                    | No   | No   | No   | No   |



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Laboratory No. L66/04208.1

Customer's name Leewattana Products Co., Ltd.

Customer's address 110,112 Phanitchayakarn Thonburi Rd., Wat Thapra, Bangkok Yai,  
Bangkok 10600

Sample's description Yellow rigid stick

Test date 9 - 16 May 2023

Test method UL 94 Clause 8 ((20 mm) Vertical Burning Test ; V-0, V-1 or V-2)

Approved by



(Mr. Jaroon Junsomboon)

Scientist, Senior Professional Level

Reported by



(Mr. Pongpiput Slangsing)

Scientist, Professional Level

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