



No. 0307/ **9652**

To K.O.H. International Co., Ltd.

The Department of Science Service presents the test report for the sample named "PE Raschel Net" Laboratory No. L65/04816.1 as the total of 1 sample with reference to the request No. L65/04816 dated 9 June 2022.

Enclosed herewith the following result avails for your acknowledgement.



Division of Engineering Materials

Tel. 0 2201 7130

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TEST REPORT

Sample's name

PE Raschel Net

Mark / Brand

K.O.H.

Laboratory No.

L65/04816.1

Test Results

Flammability for vertical burning test

- Flame class

The material identified in this report

meets the criteria to qualify for a VTm-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									
	VTM-0	VTM-1	VTM-2	Preconditioned at 23 °C, 50% RH for 48 hours					Preconditioned at 70 °C for 168 hours				
				1	2	3	4	5	1	2	3	4	5
Specimen No.													
- Thickness, mm													
1. Afterflame time after first flame application for each individual specimen t_1 , s	≤ 10	≤ 30	≤ 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	≤ 10	≤ 30	≤ 30	0.5	0	1.5	2.0	0.5	0.5	1.5	0.5	0.5	1.0
3. Afterglow time after second flame application for each individual specimen t_3 , s	-	-	-	0	0	0	0	0	0	0	0	0	0
4. Total afterflame time for any condition set ($t_1 + t_2$ for the 5 specimens), s	≤ 50	≤ 250	≤ 250	4.5					4.0				
5. Afterflame plus afterglow time for each individual specimen after the second flame application ($t_2 + t_3$), s	≤ 30	≤ 60	≤ 60	0.5	0	1.5	2.0	0.5	0.5	1.5	0.5	0.5	1.0
6. Afterflame or afterglow of any specimen up to the 125 mm mark	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

Department of Science Service

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Laboratory No. L65/04816.1

Customer's name K.O.H. International Co., Ltd.

Customer's address No.45 Village no.1, Borngern Sub-district, Latlumkaeo District,
Pathumthani 12140

Sample's description Grey plastic mesh sheet

Test date 13 – 20 June 2022

Test method UL 94 Clause 11 Thin Material Vertical Burning Test; VTM-0, VTM-1 or
VTM-2

Approved by



(Mr. Anon Pomprasit)

Scientist, Senior Professional Level

Reported by



(Mr. Pongpiput Slangsing)

Scientist, Professional Level

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