

MTEC 2731/61

**Report of Analysis**

**Issued Date** : 19 October 2018  
**Customer** : SAMRUAY ENGINEERING CO.,LTD.  
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 T. SUANLUANG, KRATHUMBAN,  
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 Tel: 0 2810-1260-7 Fax: 0 2810-1268  
**Serviced by** : Flammability Testing Laboratory,Plastics Technology  
 Laboratory,National Metal and materials Technology  
 Center  
**Date received** : 26 September 2018  
**Date analyzed** : 17 October 2018  
**Samples** : TOTO DUCT  
**Identification no.** : No data from the customer  
**Instrument Test method** : Flammability Testing Instrument Set  
**Test method** : UL 94  
 20mm Vertical Burning Test; V-0, V-1, or V-2  
**Conditions** : Temperature 23°C, Relative Humidity 52%  
**Sample Preparation** : None  
**Results** :

Sample	UL 94 Classification
TOTO DUCT	V-0

## 20mm Vertical Burning Test: TOTO DUCT

Trial No.	Thickness (mm)	t <sub>1</sub> (s)	t <sub>2</sub> (s)	t <sub>3</sub> (s)	Sample Burn Up to Holding Clamp	Cotton indicator ignited
1	1.16	0	0	2	No	No
2	1.15	0	0	2	No	No
3	1.16	2	0	1	No	No
4	1.14	0	0	1	No	No
5	1.14	0	0	2	No	No

Work performed by : *Sanya Kaewket*  
(Mr.Sanya Kaewket)  
Assistant Researcher 2

Approved by : *R. Pruthikul*  
(Dr.Rittirong Pruthikul)  
Researcher 2

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