

TEST REPORT

REPORT NO : 2014PC0570

PAGE NO : 1 OF 3

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Applicant : Space (Central) Sdn. Bhd.
24, Jalan Industri USJ 1/11
Taman Perindustrian USJ 1
47600 Subang Jaya
Selangor

Manufacturer : B. P. Products & Supply Co. Ltd.
139/4 Moo 5 T. Samkwaipuek
Muang District, Nakonpathom
73000 Thailand

Product : "SPACE" Fibreglass Reinforced Polyester (FRP) Star-Lite Series (Fire Retardant) Translucent Sheet.

References Standard : ASTM D 635: 2010 – Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.

Description of Sample : Ten (10) pieces of Fiberglass Reinforced Polyester were received with the following descriptions:
Dimension : 125 mm (length) x 13 mm (width) x 1.5 mm (thickness)
Sample Series: Star-Lite Series Flame Retardant
Sample Height: 240 psm

Date Received of Complete Application : 20 October 2014

Job No. : J20141460579

Description of Test Result/Overall Test Result : The sample meets the requirements for HB and Class CC2 Classifications (See Pages 2 and 3 for details)

Issued date : 29 October 2014

Approved Signatory:

(Nomaizura Zakaria)
Testing Executive



(Dr Ahmad Fuad Md. Yusuf)
Head
Plastics and Composite Materials Section
Testing Services Depart

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Results:

“SPACE” Fibreglass Reinforced Polyester (FRP) Star-Lite Series (Fire Retardant) Translucent Sheet.

Specimen	Did flame front reach 25 mm reference mark	Did flame front reach 100 mm reference mark	Elapsed Time (t) (sec)	Burned Length (L) (mm)	Burning Rate (mm/minute)
1	Yes	No	166	24	9
2	No	No	0	0	Not Applicable
3	No	No	0	0	Not Applicable
4	Yes	No	31	5	10
5	No	No	0	0	Not Applicable
6	No	No	0	0	Not Applicable
7	Yes	No	20	4	12
8	Yes	No	51	7	8
9	No	No	0	0	Not Applicable
10	No	No	0	0	Not Applicable

Conclusions:

1) The specimens meet the HB Classification requirements

- The flame front passes the 25 mm reference mark but does not reach the 100 mm reference mark.

2) The specimens meet the Class CC2 Classification requirements

- Plastics materials that have a burning rate of 2.5 inches per minute (1.06 mm/s) or less where tested at a nominal thickness of 0.060 in. (1.5 mm), or in the thickness intended for use in accordance with this test method.



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Results (Cont'd):

“SPACE” Fibreglass Reinforced Polyester (FRP) Star-Lite Series (Fire Retardant) Translucent Sheet.

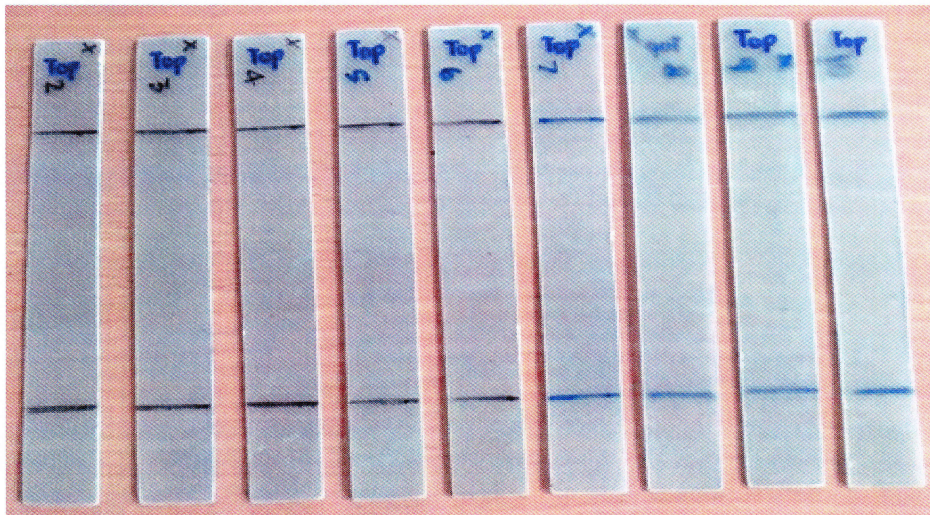


Figure 1: Photograph of “SPACE” Fibreglass Reinforced Polyester (FRP) Star-Lite Series (Fire Retardant) Translucent Sheet before test.

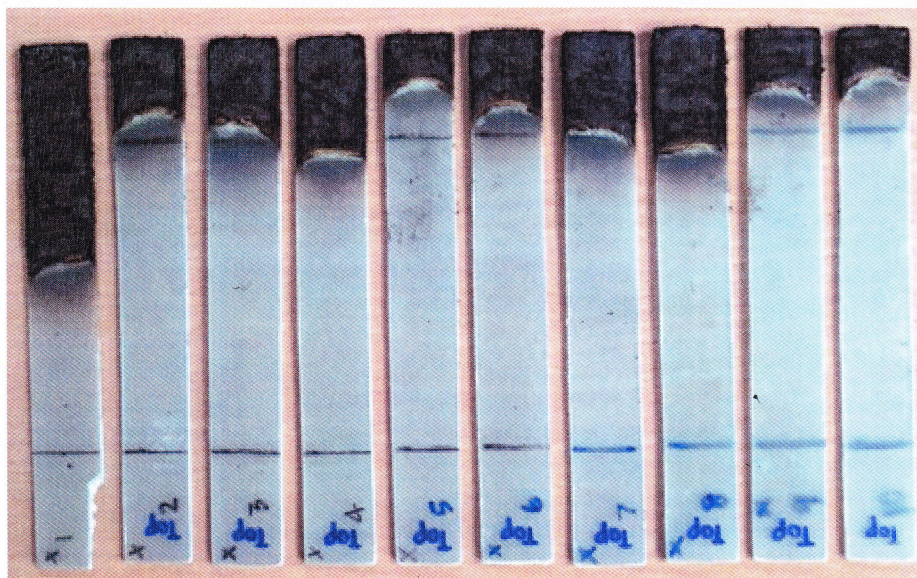


Figure 2: Photograph of “SPACE” Fibreglass Reinforced Polyester (FRP) Star-Lite Series (Fire Retardant) Translucent Sheet after test.

