

TEST REPORT



Your Ref:

Date: 5 May 2006

Our Ref: 54S062479/KSY

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DID: 68851407

Fax: 67793903

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SUBJECT:

Flammability Test of Mini Sun Power Saver

TESTED FOR:

Mini Sun Power International
57 Ubi Avenue 1 Unit 07-11
Ubi Centre
Singapore 408936

Attn : Mr Kelvin Kwek

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SAMPLES DESCRIPTION:

Three pieces of 135mm x 115mm x 60mm blue Mini Sun power saver with Model No. : MS-388 VG as shown in Figure 1 were received on 2 May 2006 for testing.

TEST METHOD:

Reference : UL 94 : 1997

Standard for Safety Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (Section 8 - Vertical Burning Test for classifying materials 94V-0, 94V-1 or 94V-2)

Nominal specimen dimensions	:	As received
Conditioning	:	Method A : 23 ± 2°C and 50 ± 5%RH for 48h (min.) prior to testing
Gas supply	:	Methane gas
No. of determinations	:	5



TEST RESULT:

Characteristic	Mini Sun Power Saver Model No. : MS-388 VG
Flammability Test, Vertical Burning Method A : 23°C / 50%RH for 48h	94V-0

NOTES:

1. The criteria of classification under 94V-0, 94V-1 or 94V-2 was shown in Appendix 1.
2. Test was done on the Mini Sun power saver casing.



Kong Siew Yong
Associate Engineer



Christina Loh Siew Cheam
Product Manager
Polymer Products
Testing Group

Appendix 1

Requirements	Criteria of Classification under UL 94		
	94V-0	94V-1	94V-2
1. After flame time for each individual specimen t1 or t2	≤ 10 seconds	≤ 30 seconds	≤ 30 seconds
2. Total after flame time for any condition set (t1 plus t2 for 5 specimens)	≤ 50 seconds	≤ 250 seconds	≤ 250 seconds
3. After flame plus after glow time for each individual specimen after the 2 nd flame application (t2+t3)	≤ 30 seconds	≤ 60 seconds	≤ 60 seconds
4. After flame or after glow of any specimen up to the holding clamp	No	No	No
5. Cotton indicator ignited by flaming particles or drops	No	No	Yes

Figure 1: Top



Figure 1: Bottom



Yong Hill

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May 2005