

Test Report

No. 2077318/EC

Date: Oct 09 2006

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PRO-POWER PRODUCTS MANUFACTURED BY KAI SUH SUH ENTERPRISE CO LTD 38, YEN PING N. ROAD, SEC.1, TAIPEI, TAIWAN, R.O.C.

This report is to supersede test report number 2063108/EC.

Report on the submitted sample said to be MARKER STRIP (BLACK COLOR).

SGS Job No.

1018475

Buyer

PREMIER FARNELL ASIA PTE LTD

Supplier Part No. Country of Origin

MS SERIES (65MM & 100MM)

Sample Receiving Date

TAIWAN JUN 09 2006

Testing Period

JUN 09-13 2006

Test Requested

With reference to RoHS Directive 2002/95/EC

- 1) To determine the Cadmium Content in the submitted sample.
- 2) To determine the Lead Content in the submitted sample.
- 3) To determine the Mercury Content in the submitted sample.
- 4) To determine the Hexavalent Chromium Content on the submitted sample.
- 5) Determination of PBBs (polybrominated biphenyls), PBDEs (Polybrominated

diphenylethers) of the submitted sample.

Test Method

- 1) With reference to BS EN 1122:2001, Method B, analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).
- 2) With reference to EPA Method 3050B/ 3051/ 3052.
 Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).
- 3) With reference to EPA Method 3051/ 3052.

 Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).
- 4) With reference to EPA Method 3060A & 7196A.

 The sample was alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A (by UV-Vis Spectrophotometer).
- 5) With reference to EPA Method 3540C/ 3550C. Analysis was performed by GC/MS or LC/ MS.

Test Results

1-5) Please refer to next page.

Conclusion

When tested as specified, the submitted sample complies with the requirements of Commission Decision of 18 Aug 2005 amending Directive 2002/95/EC notified

under document 2005/618/EC.

Signed for and on behalf of SGS Hong Kong Ltd

Ho Ka Ting, Family

Senior Laboratory Executive

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Test Results

1-4)

Test Item	1	Detection Limit	<u>Limit</u>
Cadmium (Cd)	ND	2 ppm	100 ppm
Lead (Pb)	ND	2 ppm	1000 ppm
Mercury (Hg)	ND	2 ppm	1000 ppm
Hexavalent Chromium (Cr 6+)	ND	2 ppm	1000 ppm

(Results shown are of the total weight of samples)

Note: ppm = mg/kg

ND = Not Detected

Not detected is reported when the reading is less than detection limit value

5)

Flame Retardants	1	Detection Limit	Limit
Polybrominated Biphenyls (Mono – Deca)	ND	50 ppm	1000 ppm
Monobromobiphenyl	ND	5 ppm	544 449
Dibromobiphenyl	ND	5 ppm	
Tribromobiphenyl	ND	5 ppm	
Tetrabromobiphenyl	ND	5 ppm	
Pentabromobiphenyl	ND	5 ppm	
Hexabromobiphenyl	ND	5 ppm	
Heptabromobiphenyl	ND	5 ppm	404 MH
Octabromobiphenyl	ND	5 ppm	
Nonabromobiphenyl	ND	5 ppm	Wp No.
Decabromobiphenyl	ND	5 ppm	
Polybrominated Diphenylethers (Mono – Nona)	ND	45 ppm	1000 ppm
Monobromodiphenyl ether	ND	5 ppm	
Dibromodiphenyl ether	ND	5 ppm	
Tribromodiphenyl ether	ND	5 ppm	PM PM
Tetrabromodiphenyl ether	ND	5 ppm	
Pentabromodiphenyl ether	ND	5 ppm	994 NW
Hexabromodiphenyl ether	ND	5 ppm	144 MA,
Heptabromodiphenyl ether	ND	5 ppm	
Octabromodiphenyl ether	ND	5 ppm	MV H+
Nonabromodiphenyl ether	ND	5 ppm	and and
Decabromodiphenyl ether*	ND	5 ppm	See remark

Note

ppm = mg/kg

ND = Not Detected

Not detected is reported when the reading is less than detection limit value.

Remark: * Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.

Sample Description:

1. Black Plastic (MS065 Marker Strip)

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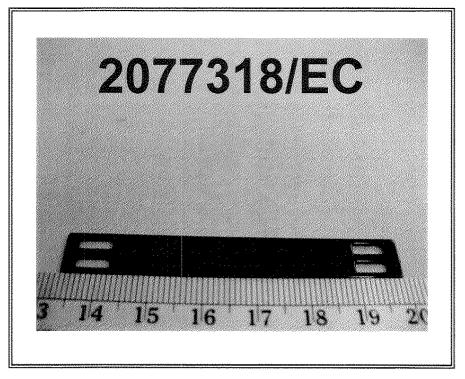
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PHOTO APPENDIX



SGS authenticate the photo on original report only

*** End of Report ***

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