

# Test Report

HY ELECTRONIC CORP.  
4F, NO. 118, LANE 235, PAO-CHIAO RD., HSIN-TIEN,  
TAIPEI HSIEN, 231, TAIWAN, R. O. C.

Report No. : CE/2006/88067  
Date : 2006/09/01  
Page : 1 of 4



**The following sample(s) was/were submitted and identified by/on behalf of the client as :**

Sample Description : BRIDGE RECTIFIER-PLASTIC BODY  
Style/Item No : DF/DF-S/DB/DB-S/SMA/SMB/SMC/MB-S/  
B-S/MD/RH  
Sample Received : 2006/08/25  
Testing Period : 2006/08/25 TO 2006/09/01

=====  
**Test Result(s)** : - Please see the next page(s) -

  
Daniel Yeh, M.R. / Operation Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.

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Date : 2006/09/01  
Page : 2 of 4



## Test Result(s)

PART NAME NO.1 : BLACK SOLID STUFF

Test Item (s):	Unit	Method	MDL	Result
				No. 1
<b>PBBs (Polybrominated biphenyls)</b>	---	---	---	---
Monobromobiphenyl	mg/kg (ppm)	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	N.D.
Dibromobiphenyl			5	N.D.
Tribromobiphenyl			5	N.D.
Tetrabromobiphenyl			5	N.D.
Pentabromobiphenyl			5	N.D.
Hexabromobiphenyl			5	N.D.
Heptabromobiphenyl			5	N.D.
Octabromobiphenyl			5	N.D.
Nonabromobiphenyl			5	N.D.
Decabromobiphenyl			5	N.D.
<b>Total PBBs (Polybrominated biphenyls)/Sum of above</b>				
<b>PBBEs(PBDEs) (Polybrominated biphenyl ethers)</b>	---	---	---	---
Monobromobiphenyl ether	mg/kg (ppm)	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with HPLC/DAD/MS	5	N.D.
Dibromobiphenyl ether			5	N.D.
Tribromobiphenyl ether			5	N.D.
Tetrabromobiphenyl ether			5	N.D.
Pentabromobiphenyl ether			5	N.D.
Hexabromobiphenyl ether			5	N.D.
Heptabromobiphenyl ether			5	N.D.
Octabromobiphenyl ether			5	N.D.
Nonabromobiphenyl ether			5	N.D.
Decabromobiphenyl ether			5	N.D.
<b>Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above</b>				
<b>Total of Mono to Nonabrominated biphenyl ether. (Note 4)</b>			-	N.D.

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Page : 3 of 4



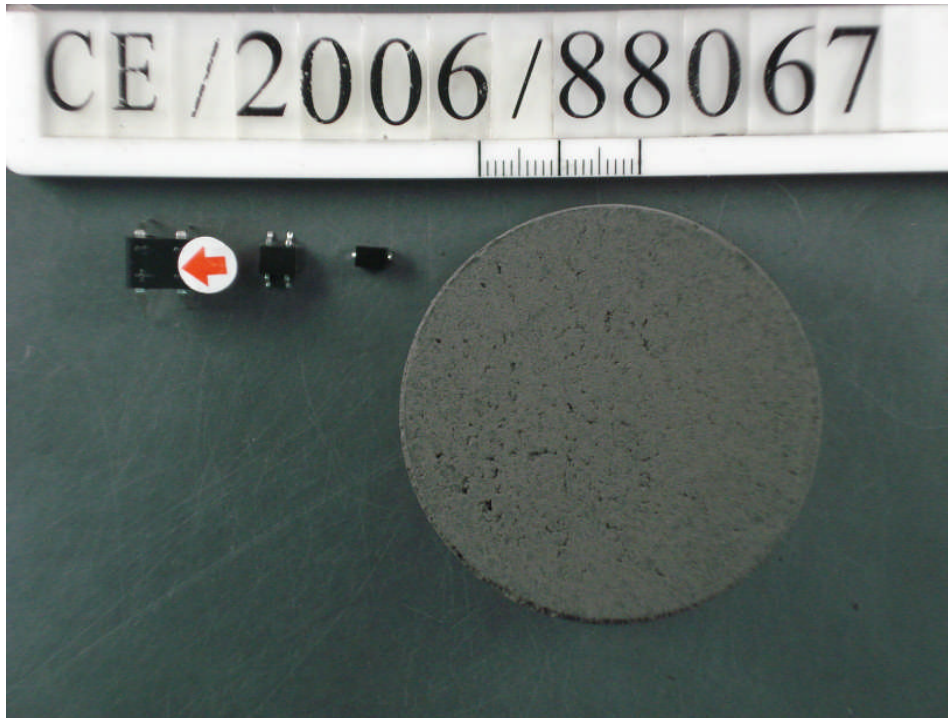
Test Item (s):	Unit	Method	MDL	Result
				No.1
Chromium VI (Cr+6)	mg/kg (ppm)	With reference to US EPA 3060A. Analysis was performed by UV-VIS (US EPA 7196A)	2	N.D.
Cadmium (Cd)	mg/kg (ppm)	With reference to EN 1122; method B:2001. Analysis was performed by ICP-AES.	2	N.D.
Mercury (Hg)	mg/kg (ppm)	With reference to US EPA 3052. Analysis was performed by ICP-AES.	2	N.D.
Lead (Pb)	mg/kg (ppm)	With reference to US EPA 3050B. Analysis was performed by ICP-AES.	2	6.5

- NOTE: (1) N.D. = Not Detected (<MDL)  
 (2) mg/kg = ppm, 0.1% = 1000 ppm(mg/kg), 0.0005% = 5 ppm(mg/kg)  
 (3) MDL = Method Detection Limit  
 (4) Decabromobiphenyl 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.  
 (5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.  
 (6) " - " = Not Regulated  
 (7) " --- " = Not Applicable  
 (8) Sample was totally digested for Pb, Cd, Hg

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Page : 4 of 4



\*\* End of Report \*\*