

Test Report

YI CHENG RUBBER CO.,LTD
NO.1,SHENG LI1 STREET,JEN-TE VILLAGE,TAINAN
SHIAN,TAIWAN,R.O.C.

Report No. :KA/2006/91372
Date : 2006/09/25
Page : 1 of 4



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

Sample Description : NR ELASTOMER
Sample Received : 2006/09/18
Testing Period : 2006/09/18 TO 2006/09/25

Conclusion

: The test results of Pb, Cd, Hg, Cr+6, PBB and PBDE for the submitted sample comply with the requirements of RoHS (2002/95/EC).


Katherine Ho / Supervisor
Signed for and on behalf of
SGS Taiwan Limited

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Page : 2 of 4



Test Result(s)

PART NAME NO.1 : NR ELASTOMER

PASS

Test Item(s)	Unit	Method	MDL	Result	Limit of RoHS
				No. 1	
PBBs(Polybrominated biphenyls)	---	---	---	---	---
Monobromobiphenyl	mg/kg (ppm)	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with GC/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.	-
Total PBBs(Polybrominated biphenyls)/Sum of above			-	-	n.d.
PBDEs(Polybrominated biphenyl ethers)	---	---	---	---	---
Monobromobiphenyl ether	mg/kg (ppm)	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with GC/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.	-
Total PBDEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above			-	-	n.d.
Total of Mono to Nona-brominated biphenyl ether. (Note 4)	-	-	n.d.	1000	

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 Page : 3 of 4



PASS

Test Item(s)	Unit	Method	MDL	Result	Limit of RoHS
				No. 1	
Chromium VI (Cr+6)	mg/kg (ppm)	With referece to US EPA 3060A. Analysis was performed by UV-VIS (US EPA 7196A)	2	n.d.	1000
Cadmium (Cd)	mg/kg (ppm)	With reference to EN 1122; method B:2001. Analysis was performed by ICP-AES.	2	n.d.	100
Mercury (Hg)	mg/kg (ppm)	With reference to US EPA 3052. Analysis was performed by ICP-AES.	2	n.d.	1000
Lead (Pb)	mg/kg (ppm)	With reference to US EPA 3050B. Analysis was performed by ICP-AES.	2	7.16	1000

- NOTE: (1) n.d. = N.D. = ND = 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

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



** End of Report **

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