

Test Report

No. :KA/2007/91383 Date: 2007/10/02 Page: 1 of 4

TAIWAN GOLDEN ENT CO.,LTD.
NO.600, SEC.2, CINGNIAN RD., FONGSHAN CITY, KAOSIUNG COUNTY 830,
TAIWAN(R.O.C)



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

Sample Description : NANO TAPE BLACK COLOR
Color : BLACK
Sample Receiving Date : 2007/09/26
Testing Period : 2007/09/26 TO 2007/10/2

=====
Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : With reference to IEC 62321, Ed.1 111/54/CDV
Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products

- : (1) Determination of Cadmium by ICP-AES.
- : (2) Determination of Lead by ICP-AES.
- : (3) Determination of Mercury by ICP-AES.
- : (4) Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry.
- : (5) Determination of PBB and PBDE by GC/MS.

Test Result(s) : Please refer to next page(s).

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

Test Report

No. :KA/2007/91383 Date: 2007/10/02 Page: 2 of 4

TAIWAN GOLDEN ENT CO.,LTD.
NO.600, SEC.2, CINGNIAN RD., FONGSHAN CITY, KAOSIUNG COUNTY 830,
TAIWAN(R.O.C)



Test results by chemical method (Unit: mg/kg)

| Test Item (s): | Method (Refer to) | Result | MDL |
|---|----------------------|--------|-----|
| | | No.1 | |
| Cadmium (Cd) | (1) | n.d. | 2 |
| Lead (Pb) | (2) | n.d. | 2 |
| Mercury (Hg) | (3) | n.d. | 2 |
| Hexavalent Chromium Cr(VI) by alkaline extraction | (4) | n.d. | 2 |
| Sum of PBBs | (5) | n.d. | - |
| Monobromobiphenyl | | n.d. | 5 |
| Dibromobiphenyl | | n.d. | 5 |
| Tribromobiphenyl | | n.d. | 5 |
| Tetrabromobiphenyl | | n.d. | 5 |
| Pentabromobiphenyl | | n.d. | 5 |
| Hexabromobiphenyl | | n.d. | 5 |
| Heptabromobiphenyl | | n.d. | 5 |
| Octabromobiphenyl | | n.d. | 5 |
| Nonabromobiphenyl | | n.d. | 5 |
| Decabromobiphenyl | | n.d. | 5 |
| Sum of PBDEs (Mono to Nona)(Note 4) | | n.d. | - |
| Monobromobiphenyl ether | | n.d. | 5 |
| Dibromobiphenyl ether | | n.d. | 5 |
| Tribromobiphenyl ether | | n.d. | 5 |
| Tetrabromobiphenyl ether | | n.d. | 5 |
| Pentabromobiphenyl ether | | n.d. | 5 |
| Hexabromobiphenyl ether | | n.d. | 5 |
| Heptabromobiphenyl ether | | n.d. | 5 |
| Octabromobiphenyl ether | | n.d. | 5 |
| Nonabromobiphenyl ether | | n.d. | 5 |
| Decabromobiphenyl ether | | n.d. | 5 |
| Sum of PBDEs (Mono to Deca) | | n.d. | - |

TEST PART DESCRIPTION:

NO.1 : NANO TAPE BLACK COLOR

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在www.sgs.com中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

TW5523337

Test Report

No. :KA/2007/91383 Date: 2007/10/02 Page: 3 of 4

TAIWAN GOLDEN ENT CO.,LTD.
NO.600, SEC.2, CINGNIAN RD., FONGSHAN CITY, KAOSIUNG COUNTY 830,
TAIWAN(R.O.C)



- Note :
1. mg/kg = ppm
 2. n.d. = Not Detected
 3. MDL = Method Detection Limit
 4. According to 2005/717/EC DecaBDE is exempt.
 5. Detection limit = 0.02 $\mu\text{g}/\text{cm}^2$
 5. Spot-test:
Negative = Absence of Cr(VI) coating / surface layer, Positive = Presence of Cr(VI) coating / surface
(The tested sample should be further verified by boiling-water-extraction method if the
spot test result cannot be confirmed.)
Boiling-water-extraction:
Negative = Absence of Cr(VI) coating / surface layer,
Positive = Presence of Cr(VI) coating / surface layer the detected concentration in
boiling-water-extraction solution is equal or greater than 0.02 mg/kg
with 50 cm^2 sample surface area.
 6. " - " = Not Regulated

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在www.sgs.com中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

TW5523336

Test Report

No. :KA/2007/91383 Date: 2007/10/02 Page: 4 of 4

TAIWAN GOLDEN ENT CO.,LTD.
NO.600, SEC.2, CINGNIAN RD., FONGSHAN CITY, KAOSIUNG COUNTY 830,
TAIWAN(R.O.C)



** End of Report **

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在www.sgs.com中查閱。將本公司之義務，免責，管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

TW5523335