

# TEST REPORT

报告编号/Reference No. : TRHZ1011059

日期/Date : Nov. 16, 2010

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申请单位/ 宣城福美达新材料有限公司/  
Applicant : XUANCHENG FUMEIDA NEW MATERIALS CO., LTD.  
地 址/ 安徽省宣城市北区工业园东山路 6 号/  
Address : NO.6, DONGSHAN ROAD, NORTH DISTRICT INDUSTRIAL PARK, XUANCHENG CITY,  
ANHUI PROVINCE.

The following merchandise was (were) submitted and identified by the client as:

样品名称/ 木塑板/  
Name Of Product : Wood-Plastic composites board  
样品型号/ DEK001  
Test Model :  
样品批号/ FS DEK001  
Sample Lot No :  
主要成分/ Bamboo powder, PE plastic and additive  
Main Material :  
接收日期/ 2010/11/08  
Sample Received :  
检测周期/ 2010/11/08 - 2010/11/15  
Test Period :  
测试要求/ 检测样品中铅, 镉, 汞, 六价铬, 多溴联苯和多溴联苯醚的含量。/  
Test Request : To determine the Pb, Cd, Hg, Cr(VI), PBBs & PBDEs content of the submitted sample.  
测试方法/ 参见下页。/  
Test Method : Please refer to next page(s).  
结 论/ 申请人所提供的样品的测试结果不超过欧盟RoHS指令2002/95/EC以及后续修正指令  
Conclusion : 的要求。/  
Based on the analysis on the submitted sample, the results **do not exceed** the RoHS Directive 2002/95/EC and its subsequent amendments.

签发

Issued by:



TÜV NORD

绿色产品服务中心经理/GPSC Manager/

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## 检测结果/TEST RESULTS:

| No                            | 测试项目<br>Test Items                        | 测试方法<br>Methods | 方法检测限<br>MDL<br>(mg/kg) | 检测结果 <sup>▲</sup><br>Results<br>(mg/kg) | 法规限值*<br>Limited<br>Value<br>(mg/kg) |
|-------------------------------|---|-----------------|-------------------------|---|--------------------------------------|
| 1                             | 铅/Pb                                      | M1              | 2                       | N.D.                                    | 1000                                 |
| 2                             | 汞/Hg                                      |                 | 2                       | N.D.                                    | 1000                                 |
| 3                             | 镉/Cd                                      |                 | 2                       | N.D.                                    | 100                                  |
| 4                             | 六价铬/Cr (VI)                               | M2              | 2                       | N.D.                                    | 1000                                 |
| 5                             | 一溴联苯/Monobromobiphenyl (MonoBB)           | M3              | 5                       | N.D.                                    | ---                                  |
|                               | 二溴联苯/Dibromobiphenyl (DiBB)               |                 | 5                       | N.D.                                    | ---                                  |
|                               | 三溴联苯/Tribromobiphenyl (TriBB)             |                 | 5                       | N.D.                                    | ---                                  |
|                               | 四溴联苯/Tetrabromobiphenyl (TetraBB)         |                 | 5                       | N.D.                                    | ---                                  |
|                               | 五溴联苯/Pentabromobiphenyl (PentaBB)         |                 | 5                       | N.D.                                    | ---                                  |
|                               | 六溴联苯/Hexabromobiphenyl (HexaBB)           |                 | 5                       | N.D.                                    | ---                                  |
|                               | 七溴联苯/Heptabromobiphenyl (HeptaBB)         |                 | 5                       | N.D.                                    | ---                                  |
|                               | 八溴联苯/Octabromobiphenyl (OctaBB)           |                 | 5                       | N.D.                                    | ---                                  |
|                               | 九溴联苯/Nonabromobiphenyl (NonaBB)           |                 | 5                       | N.D.                                    | ---                                  |
|                               | 十溴联苯/Decabromobiphenyl (DecaBB)           |                 | 5                       | N.D.                                    | ---                                  |
|                               | 上述多溴联苯总和/Total PBBs sum of above          | ---             | N.D.                    | 1000                                    |                                      |
|                               | 一溴联苯醚/Monobromodiphenyl ether (MonoBDE)   |                 | 5                       | N.D.                                    | ---                                  |
|                               | 二溴联苯醚/Dibromodiphenyl ether (DiBDE)       |                 | 5                       | N.D.                                    | ---                                  |
|                               | 三溴联苯醚/Tribromodiphenyl ether (TriBDE)     |                 | 5                       | N.D.                                    | ---                                  |
|                               | 四溴联苯醚/Tetrabromodiphenyl ether (TetraBDE) |                 | 5                       | N.D.                                    | ---                                  |
|                               | 五溴联苯醚/Pentabromodiphenyl ether (PentaBDE) |                 | 5                       | N.D.                                    | ---                                  |
|                               | 六溴联苯醚/Hexabromodiphenyl ether (HexaBDE)   |                 | 5                       | N.D.                                    | ---                                  |
|                               | 七溴联苯醚/Heptabromodiphenyl ether (HeptaBDE) |                 | 5                       | N.D.                                    | ---                                  |
|                               | 八溴联苯醚/Octabromodiphenyl ether (OctaBDE)   |                 | 5                       | N.D.                                    | ---                                  |
| 九溴联苯醚/Nonabromodiphenyl ether | 5   |                 | N.D.                    | ---                                     |                                      |

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|  |  |     |      |      |
|--|--|-----|------|------|
| (NonaBDE)                                  |  |     |      |      |
| 十溴联苯醚/Decabromodiphenyl ether<br>(DecaBDE) |  | 5   | N.D. | ---  |
| 上述多溴联苯醚总和/Total PBDEs sum of<br>above      |  | --- | N.D. | 1000 |

**注意/Remark:** \*报告中提及的法规限值根据是 2002/95/EC(RoHS)以及后续修正指令 2005/618/EC  
The maximum permissible limit is quoted from the document 2005/618/EC amending  
RoHS directive 2002/95/EC.

- 备注/Note :**
- 1) "—" = 未明确规定/Not Regulated.
  - 2) N.D. = 未检出, 小于方法检出限/Not detected, less than MDL.
  - 3) M1: 参照 IEC62321:2008, 采用电感耦合等离子体发射光谱仪进行测定。  
As per IEC62321:2008, Analysis was performed by ICP-AES.
  - 4) M2: 参照 IEC62321:2008, 采用紫外-可见分光光度计进行测定。  
As per IEC62321:2008, Analysis was performed by UV-Vis.
  - 5) M3: 参照 IEC62321:2008, 采用气相色谱-质谱联用仪进行测定。  
As per IEC62321:2008, Analysis was performed by GC-MS.
  - 6) ▲样品混测/The sample was mixed test.

**测试部位描述/Test Part Description:** 红色木塑板/Red Wood-Plastic composites board

.....接下页/ To be continued.....

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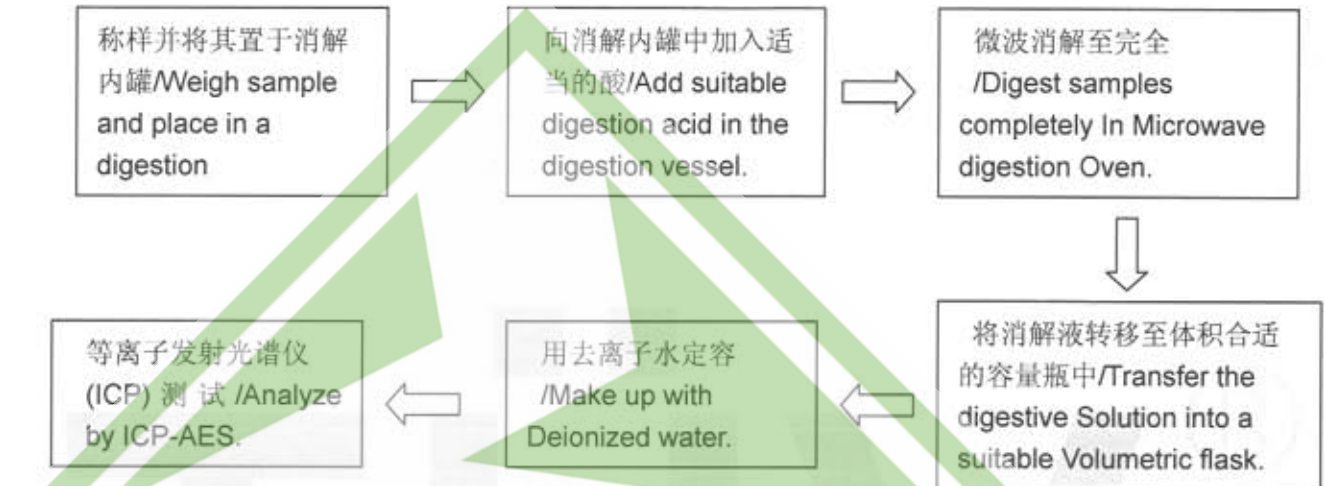
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## 流程图/FLOW CHART

### 1. Pb、Hg、Cd 测试/Test for Pb、Hg、Cd Content



| 样品成分/Sample Material | 消化酸/Digestion Acid  |
|----------------------|---|
| 玻璃/Glass             | HNO <sub>3</sub> /HF  |
| 塑料/Plastic           | H <sub>2</sub> SO <sub>4</sub> , H <sub>2</sub> O <sub>2</sub> , HNO <sub>3</sub> , HCl |
| 其它/Others            | 加入其它的酸消解/Any acid to total digestion.   |

.....接下页/ To be continued.....



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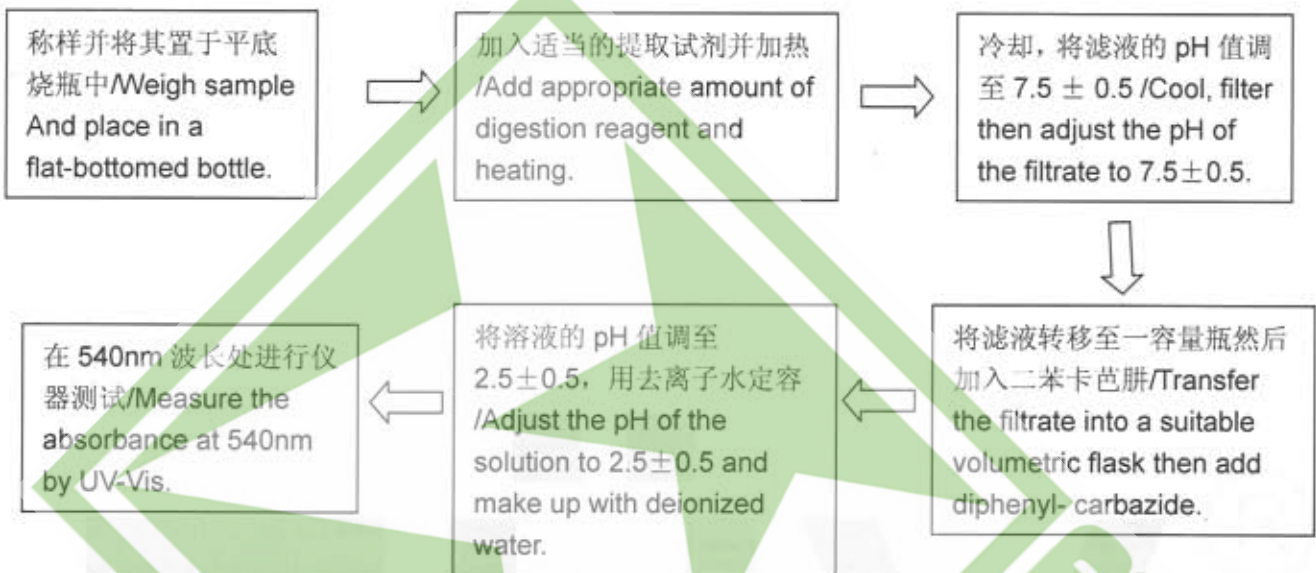
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## 2. 六价铬 Cr (VI) 测试/Test for Chromium (VI) Content

紫外-可见分光光度计法/UV-Vis:



## 3. 多溴测试/Test for PBBs&PBDEs Content



