

**Test Report**

NO.: ASZ09021611401T

Date: Feb 21, 2009

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**Customer:** PEPPERELL CRAFTS OF NINGBO**Address:** 1<sup>ST</sup> FANGXIN ROAD FANGQIAO INDUSTRIAL ZONE FENGHUA CHINA**Report on the submitted sample said to be****Sample name:** FLEXREX PELLETS WFECU-0099-07-S65 H2008-012460A**Model:** /**Item/Lot No.:** H2008-012460A**Material:** 87 degree PVC material**Buyer:** PEPPERELL BRAIDING COMPANY**Supplier:** PEPPERELL CRAFTS OF NINGBO**Manufacturer:** PEPPERELL CRAFTS OF NINGBO**Country of Origin:** CHINA**Country of Destination:** USA**Labelled Age Grading:** 3 YEARS AND UP**Sample received date:** Feb 16, 2009**Testing period:** From Feb 16, 2009 to Feb 21, 2009**Testing Requested:**

- (1): As specified by client, to determine DEHP(DOP), DBP, BBP, DINP, DNOP and DIDP content in the submitted samples in accordance with Consumer Product Safety Improvement Act of 2008 (H.R. 4040) section 108--Prohibition on sale of certain products containing specified phthalates.
- (2): As specified by client, to determine the Lead content in the submitted sample in accordance with Consumer Product Safety Improvement Act of 2008 (H.R. 4040) section 101--Prohibition on sale of certain products containing lead.

**Test method:**

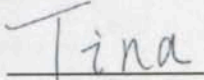
| Testing Item                             | Test Method                               | Measuring instrument |
|--|---|----------------------|
| DEHP(DOP), DBP, BBP, DINP, DNOP and DIDP | ASTM D3421-75                             | GC-MS                |
| Lead (Pb)                                | EPA 3050B or Acid Dissolution or EPA 3052 | ICP-OES              |

**Conclusion:** The submitted sample complied with the requirement.

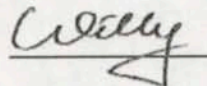
\*\*\*\*\*FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE (S)\*\*\*\*\*

**Signed for AOV Ltd.**

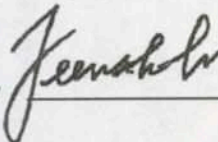
Written by



Inspected by



Approved by



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**Shenzhen AOV Testing Technology Co., Ltd.**

2-6/F, No.5, Yuantou Lane, Tanglang, Taoyuan Street, Nanshan District, Shenzhen, Guangdong, China

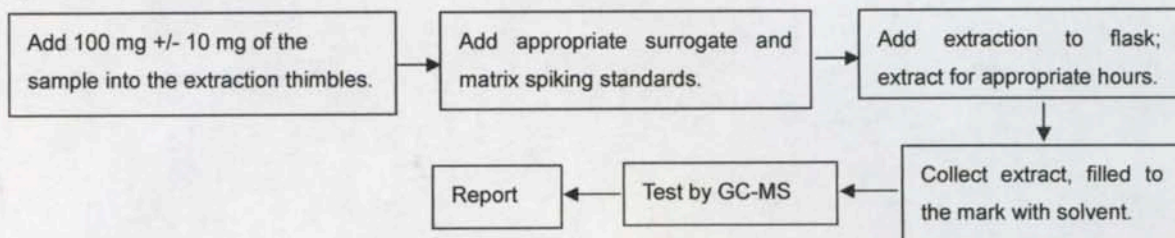
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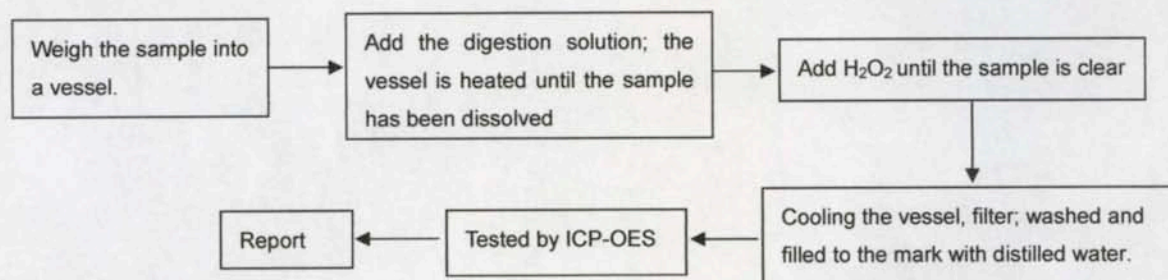


**Test Flow:**

(1): To Determine DEHP(DOP), DBP, BBP, DINP, DNOP and DIDP Content:



(2): To Determine Lead Content:


**Test Results:**
**(1): phthalate content**

| Item                                      | Unit  | MQL | Limit | A    |
|---|-------|-----|-------|------|
| Di-iso-nonyl phthalate (DINP)             | mg/kg | 50  | 1000  | N.D. |
| Di-n-octyl phthalate (DNOP)               | mg/kg | 10  | 1000  | N.D. |
| Di (2-ethyl hexyl)-phthalate (DEHP) (DOP) | mg/kg | 10  | 1000  | N.D. |
| Diisodecyl phthalate (DIDP)               | mg/kg | 50  | 1000  | N.D. |
| Butylbenzyl phthalate (BBP)               | mg/kg | 10  | 1000  | N.D. |
| Dibutyl phthalate (DBP)                   | mg/kg | 10  | 1000  | N.D. |

**(2): Total lead content**

Total lead content in substrate material

| Element    | Unit  | MQL | Limit | A    |
|------------|-------|-----|-------|------|
| Total lead | mg/kg | 2   | 600#  | N.D. |

**Note:**

# The limit is 600ppm, after Feb 10, 2009

The limit is 300ppm, after Aug 14, 2009

The limit is 100ppm, after Aug 14, 2011

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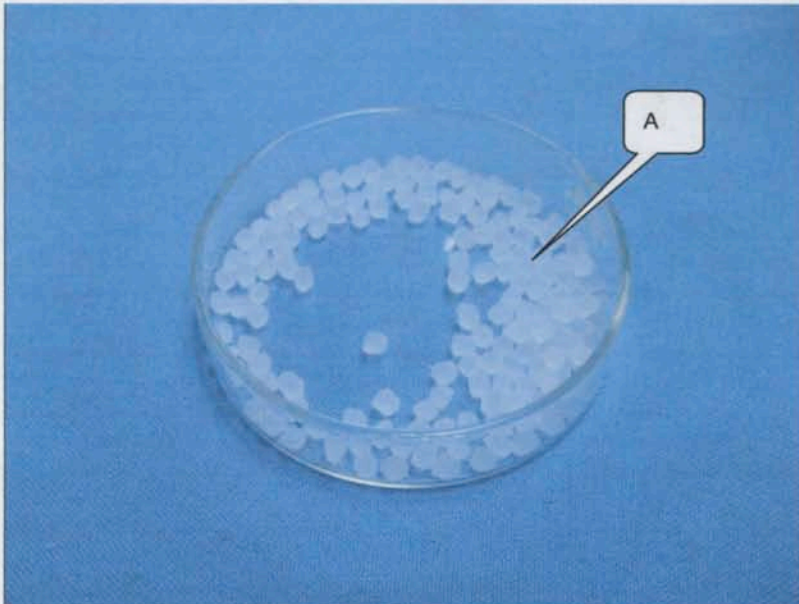
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**Specimen Description:**

A: FLEXREX PELLETS

**Note:**

- Specimens, which requested to determine Lead Content, have been dissolved completely.
- mg/kg = ppm
- N.D. =Not Detected (<MQL)
- MQL=Method Quantitation Limit
- Photo is included.

**Photograph of Sample**

FLEXREX PELLETS WFECU-0099-07-S65 H2008-012460A

\*\*\*End of Report\*\*\*

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