

## Test Report

No.: EKR26100136

Date: 13-Jan-2026

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FORMOSA PLASTICS CORPORATION

NO. 100, SHUI-GUAN RD., RENWU DIST., KAOHSIUNG CITY 814, TAIWAN

The following sample(s) was/were submitted and identified by the applicant as:

Sample Submitted By : FORMOSA PLASTICS CORPORATION  
Sample Name : PVC POWDER  
Style/Item No. : PR-G  
Sample Material : PVC POWDER

=====  
Sample Receiving Date : 05-Jan-2026  
Testing Period : 05-Jan-2026 to 13-Jan-2026

**Test Requested** : As specified by client, with reference to RoHS 2011/65/EU Annex II and amending Directive (EU) 2015/863 to determine Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP contents in the submitted sample(s).

**Test Results** : Please refer to following pages.

**Conclusion** : Based on the performed tests on submitted sample(s), the test results of Cadmium, Lead, Mercury, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

  
Ray Chang, Ph.D./Department Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory-Kaohsiung



PIN CODE: 0E304EA8

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## Test Part Description

No.1 : WHITE POWDER

## Test Result(s)

| Test Item(s)               | Method  | Unit  | MDL   | Result | Limit |
|----------------------------|---|---|-------|--------|-------|
|                            |   |   |       | No.1   |       |
| Cadmium (Cd)               | With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.             | mg/kg   | 2     | n.d.   | 100   |
| Lead (Pb)                  |   | mg/kg   | 2     | n.d.   | 1000  |
| Mercury (Hg)               | With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES. | mg/kg   | 2     | n.d.   | 1000  |
| Hexavalent Chromium Cr(VI) | With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.            | mg/kg   | 8     | n.d.   | 1000  |
| Monobromobiphenyl          | With reference to IEC 62321-6: 2015, analysis was performed by GC/MS.               | mg/kg   | 5     | n.d.   | -     |
| Dibromobiphenyl            |   | mg/kg   | 5     | n.d.   | -     |
| Tribromobiphenyl           |   | mg/kg   | 5     | n.d.   | -     |
| Tetrabromobiphenyl         |   | mg/kg   | 5     | n.d.   | -     |
| Pentabromobiphenyl         |   | mg/kg   | 5     | n.d.   | -     |
| Hexabromobiphenyl          |   | mg/kg   | 5     | n.d.   | -     |
| Heptabromobiphenyl         |   | mg/kg   | 5     | n.d.   | -     |
| Octabromobiphenyl          |   | mg/kg   | 5     | n.d.   | -     |
| Nonabromobiphenyl          |   | mg/kg   | 5     | n.d.   | -     |
| Decabromobiphenyl          |   | mg/kg   | 5     | n.d.   | -     |
| <b>Sum of PBBs</b>         |   | mg/kg   | -     | n.d.   | 1000  |
| Monobromodiphenyl ether    |   | With reference to IEC 62321-6: 2015, analysis was performed by GC/MS. | mg/kg | 5      | n.d.  |
| Dibromodiphenyl ether      | mg/kg   |   | 5     | n.d.   | -     |
| Tribromodiphenyl ether     | mg/kg   |   | 5     | n.d.   | -     |
| Tetrabromodiphenyl ether   | mg/kg   |   | 5     | n.d.   | -     |
| Pentabromodiphenyl ether   | mg/kg   |   | 5     | n.d.   | -     |
| Hexabromodiphenyl ether    | mg/kg   |   | 5     | n.d.   | -     |
| Heptabromodiphenyl ether   | mg/kg   |   | 5     | n.d.   | -     |
| Octabromodiphenyl ether    | mg/kg   |   | 5     | n.d.   | -     |
| Nonabromodiphenyl ether    | mg/kg   |   | 5     | n.d.   | -     |
| Decabromodiphenyl ether    | mg/kg   |   | 5     | n.d.   | -     |
| <b>Sum of PBDEs</b>        | mg/kg   | -   | n.d.  | 1000   |       |

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| Test Item(s)                       | Method  | Unit  | MDL | Result | Limit |
|------------------------------------|---|-------|-----|--------|-------|
|                                    |   |       |     | No.1   |       |
| Butyl benzyl phthalate (BBP)       | With reference to IEC 62321-8: 2017, analysis was performed by GC/MS. | mg/kg | 50  | n.d.   | 1000  |
| Dibutyl phthalate (DBP)            |   | mg/kg | 50  | n.d.   | 1000  |
| Diisobutyl phthalate (DIBP)        |   | mg/kg | 50  | n.d.   | 1000  |
| Di-(2-ethylhexyl) phthalate (DEHP) |   | mg/kg | 50  | n.d.   | 1000  |

**Note :**

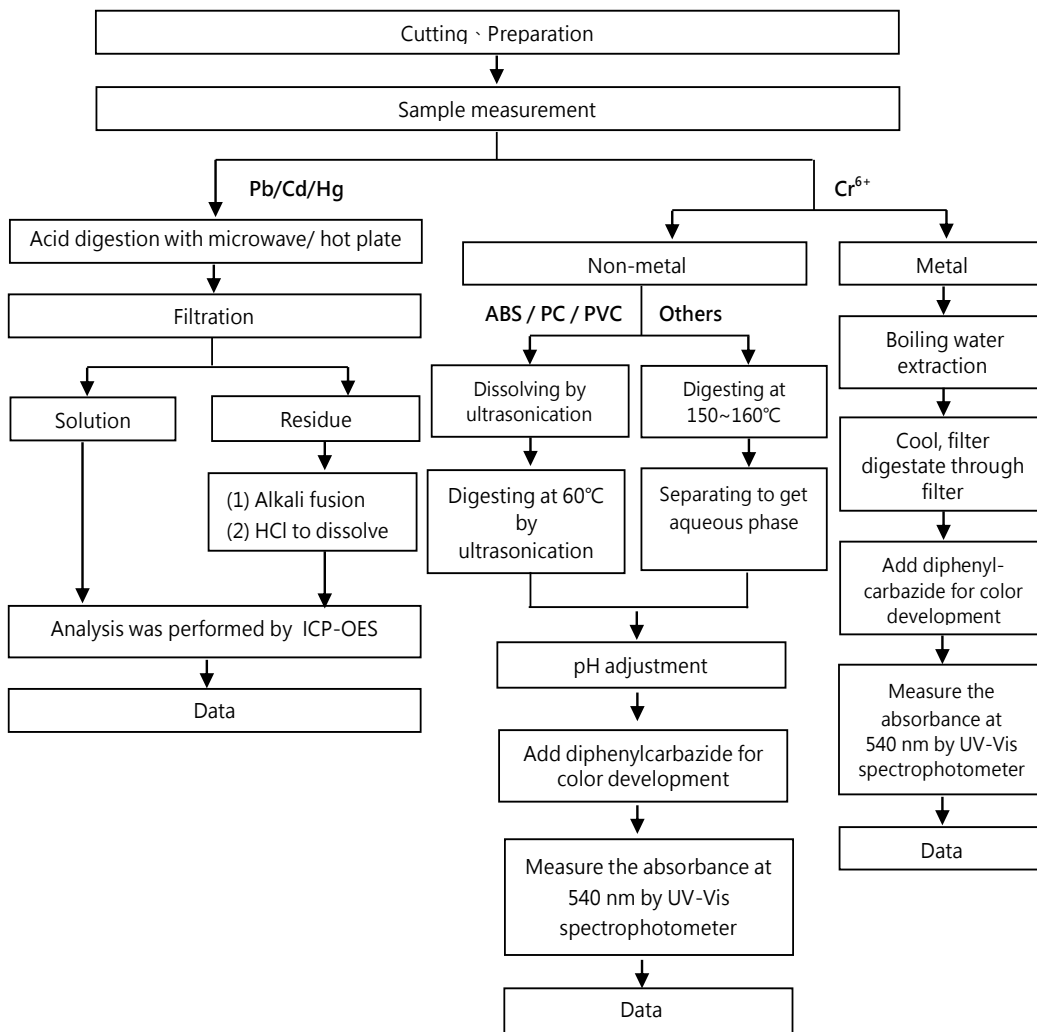
1. mg/kg = ppm ; 0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit
3. n.d. = Not Detected ( Less than MDL)
4. "-" = Not Regulated
5. Unless otherwise stated , the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.

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## Analytical flow chart of heavy metal

These samples were dissolved totally by pre-conditioning method according to below flow chart.

( Cr<sup>6+</sup> test method excluded )

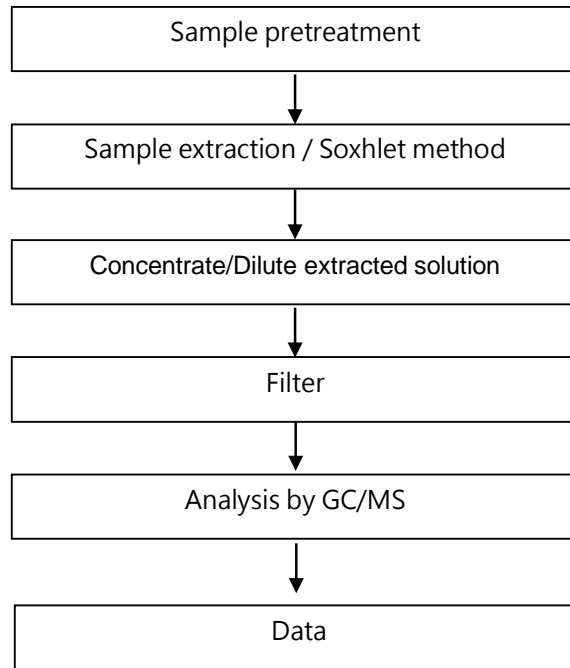


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### PBB/PBDE analytical FLOW CHART



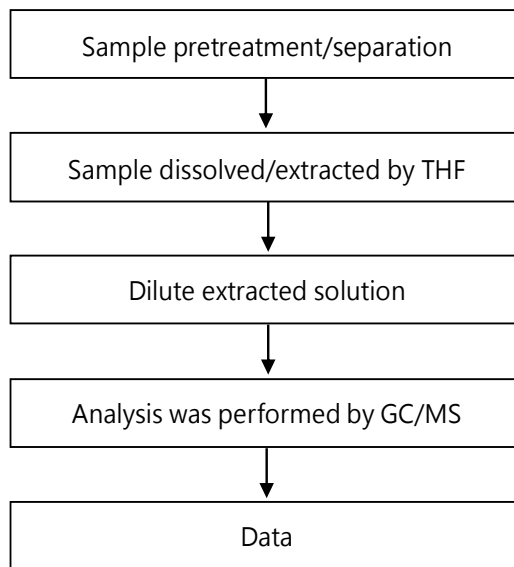
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### Analytical flow chart - Phthalate

【Test method: IEC 62321-8】



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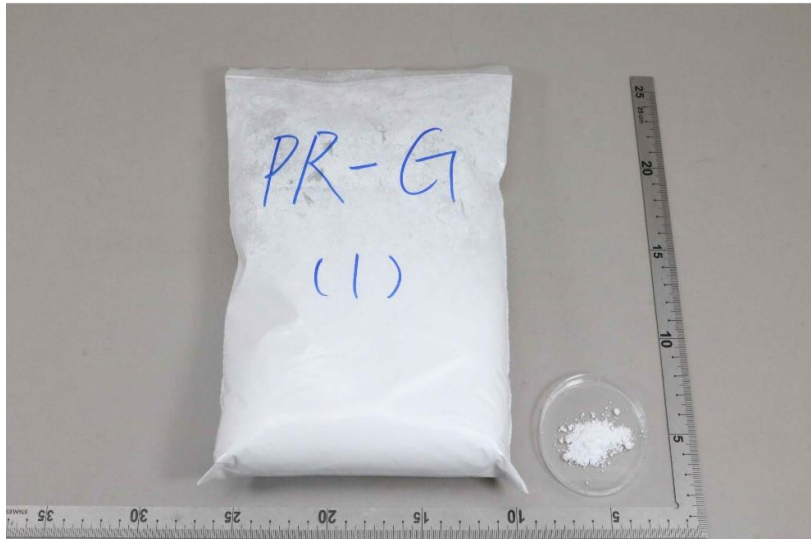
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\* The tested sample / part is marked by an arrow if it's shown on the photo. \*

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\*\* End of Report \*\*

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