

Test Report

Report No.: SFW25100550

Report Issue Date: 2025/01/10

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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/on behalf of the applicant as:

Sample name : Impact modifier additive.
Style/Item No. : K-210.
Material composition : Impact modifier additive.
Color : White.
Sample submitted by : FORMOSA PLASTICS CORPORATION

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Sample receiving date : 2025/01/06.
Testing period : 2025/01/06 - 2025/01/10

--- Please see the next page for test result(s) ---



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



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

Component list / List of materials

No. Component description

1 White powder

Test result(s):

| Test item(s) | Method | Unit | RL | Result |
|---|---|-------|-----|--------|
| | | | | No.1 |
| Butyl benzyl phthalate (BBP) (CAS No.85-68-7) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Mono(2-ethyl hexyl) ester (MEHP) (CAS No.4376-20-9) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Di-cyclohexyl phthalate (DCHP) (CAS No.84-61-7) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Di-pentyl phthalate (DNPP) (CAS No.131-18-0) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Dipropyl phthalate (DPrP) (CAS No.131-16-8) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Diethyl phthalate (DEP) (CAS No.84-66-2) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Di-n-hexyl phthalate (DNHP) (CAS No.84-75-3) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Diheptyl phthalate (DHpP) (CAS No.3648-21-3) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Di-isobutyl phthalate (DIBP) (CAS No.84-69-5) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Di-isononyl phthalate (DINP) (CAS No.28553-12-0; 68515-48-0) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 100 | n.d. |
| Di-iso-decyl phthalate (DIDP) (CAS No.26761-40-0; 68515-49-1) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 100 | n.d. |
| Di-n-nonyl phthalate (DNNP) (CAS No.84-76-4) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Diisooctyl phthalate (DIOP) (CAS No.27554-26-3) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 100 | n.d. |
| Diphenyl phthalate (DPhP) (CAS No.84-62-8) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Bis(2-methoxyethyl) phthalate (DMEP) (CAS No.117-82-8) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |

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| Test item(s) | Method | Unit | RL | Result |
|--|---|-------|-----|--------|
| | | | | No.1 |
| Di(2-ethylhexyl) terephthalate (DEHT) (CAS No.6422-86-2) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Bis(2-ethylhexyl) phthalate (DEHP) (CAS No.117-81-7) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Dibutyl phthalate (DBP) (CAS No.84-74-2) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Dimethyl phthalate (DMP) (CAS No.131-11-3) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Di-n-octyl phthalate (DNOP) (CAS No.117-84-0) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Bis(2-ethylhexyl) adipate (DEHA) (CAS No.103-23-1) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Dibenzyl phthalate (CAS No.523-31-9) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| N-pentyl iso-pentyl phthalate (NPIPP) (CAS No.776297-69-9) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Diisopentyl phthalate (DIPP) (CAS No.605-50-5) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Diundecyl phthalate (DUP) (CAS No.3648-20-2) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 100 | n.d. |
| 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) (CAS No.71888-89-6) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 100 | n.d. |
| 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNP) (CAS No.68515-42-4) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 100 | n.d. |
| Diisononyl adipate (CAS No.33703-08-1) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 100 | n.d. |
| Dimethyl terephthalate (DMTP) (CAS No.120-61-6) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (DPP) (CAS No.84777-06-0) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Di-n-decylphthalate (CAS No.84-77-5) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Diallyl phthalate (DAP) (CAS No.131-17-9) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |

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| Test item(s) | Method | Unit | RL | Result |
|---|---|-------|-----|--------|
| | | | | No.1 |
| bis(2-n-Butoxyethyl) phthalate (DBEP) (CAS No.117-83-9) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Bis(2-ethoxyethyl) phthalate (DEEP) (CAS No.605-54-9) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Bis(4-methyl-2-pentyl) phthalate (BMPP) (CAS No.146-50-9) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (CAS No.68515-50-4) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 100 | n.d. |
| Di(2-propylheptyl) phthalate (DPrHP) (CAS No.53306-54-0) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Diisohexyl phthalate (DIHxP) (CAS No.71850-09-4) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 100 | n.d. |
| 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with \geq 0.3% of dihexyl phthalate (CAS No.68515-51-5, 68648-93-1) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 100 | n.d. |
| Undecyl dodecyl phthalate (CAS No.68515-47-9) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 250 | n.d. |
| Benzyl benzoate (BB) (CAS No.120-51-4) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 30 | n.d. |
| Diundecyl phthalate (mixture of branched chain isomers) (DIUP) (CAS No.96507-86-7) | With reference to EN 14372:2004. Analysis was performed by GC-MS. | mg/kg | 100 | n.d. |

Note:

- mg/kg = ppm ; 0.1 wt% = 1000 ppm
- RL = Reporting Limit
- n.d. = Not Detected

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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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