

## Test Report

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Formosa Plastics Corporation  
No.100, Shuiguan Rd., Renwu Dist., Kaohsiung City 814, Taiwan

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

|                      |   |                              |
|----------------------|---|------------------------------|
| Material Name        | : | Impact Modifier Additive     |
| Color                | : | White                        |
| Style / Item No.     | : | K-211                        |
| Material Composition | : | Impact Modifier Additive     |
| Sample Submitted by  | : | Formosa Plastics Corporation |

\* \* \* \* \*

|                       |   |                             |
|-----------------------|---|-----------------------------|
| Sample Receiving Date | : | Jan 05, 2026                |
| Testing Period        | : | Jan 05, 2026 - Jan 13, 2026 |

Test Method & Results : Please refer to next page(s).

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



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Test Results :

### EN71-3: 2019 + A2:2024 – Migration of certain elements

Category I: Dry, brittle, powder-like or pliable toy material

Method : With reference to EN71-3: 2019 + A2:2024. Analysis of general elements was performed by ICP-MS. Chromium (III) was obtained by calculation, Chromium (VI) was analyzed by LC-ICP-MS. Organic Tin was analyzed by GC-MS.

| Test Item              |            | Result (mg/kg) | Reporting Limit (mg/kg) | Reference Limit** (mg/kg) |
|------------------------|------------|----------------|-------------------------|---------------------------|
|                        |            | 1              |                         |                           |
| Soluble Aluminum       | (Al)       | n.d.           | 50                      | 2,250                     |
| Soluble Antimony       | (Sb)       | n.d.           | 1                       | 45                        |
| Soluble Arsenic        | (As)       | n.d.           | 0.5                     | 3.8                       |
| Soluble Barium         | (Ba)       | n.d.           | 50                      | 1,500                     |
| Soluble Boron          | (B)        | n.d.           | 50                      | 1,200                     |
| Soluble Cadmium        | (Cd)       | n.d.           | 0.1                     | 1.3                       |
| Soluble Chromium (III) | (Cr (III)) | n.d.           | 5                       | 37.5                      |
| Soluble Chromium (VI)  | (Cr (VI))  | n.d.           | 0.01                    | 0.02                      |
| Soluble Cobalt         | (Co)       | n.d.           | 0.5                     | 10.5                      |
| Soluble Copper         | (Cu)       | n.d.           | 50                      | 622.5                     |
| Soluble Lead           | (Pb)       | n.d.           | 0.5                     | 2.0                       |
| Soluble Manganese      | (Mn)       | n.d.           | 50                      | 1,200                     |
| Soluble Mercury        | (Hg)       | n.d.           | 0.5                     | 7.5                       |
| Soluble Nickel         | (Ni)       | n.d.           | 10                      | 75                        |
| Soluble Selenium       | (Se)       | n.d.           | 5                       | 37.5                      |
| Soluble Strontium      | (Sr)       | n.d.           | 50                      | 4,500                     |
| Soluble Zinc           | (Zn)       | n.d.           | 50                      | 3,750                     |
| Soluble Tin            | (Sn)       | n.d.           | 0.36                    | 15,000                    |
| Organic Tin            | --         | n.d.           | --                      | 0.9                       |

| Test Item(s)    |         | Organic Tin Result(s) (mg/kg) | MDL (mg/kg) |
|-----------------|---------|-------------------------------|-------------|
|                 |         | 1                             |             |
| Methyl tin      | (MeT)   | n.d.                          | 0.135       |
| Dimethyl tin    | (DMT)   | n.d.                          | 0.135       |
| Di-n-propyl tin | (DProT) | n.d.                          | 0.135       |
| Butyl tin       | (BuT)   | n.d.                          | 0.135       |
| Dibutyl tin     | (DBT)   | n.d.                          | 0.135       |
| Tributyl tin    | (TBT)   | n.d.                          | 0.135       |
| n-Octyl tin     | (MOT)   | n.d.                          | 0.135       |
| Tetrabutyl tin  | (TeBT)  | n.d.                          | 0.135       |
| Diphenyl tin    | (DPhT)  | n.d.                          | 0.135       |
| Di-n-octyl tin  | (DOT)   | n.d.                          | 0.135       |
| Triphenyl tin   | (TPhT)  | n.d.                          | 0.135       |

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### Sample Description :

1. White Powder

Note : - mg/kg = milligram per kilogram

- n.d. = Not Detected

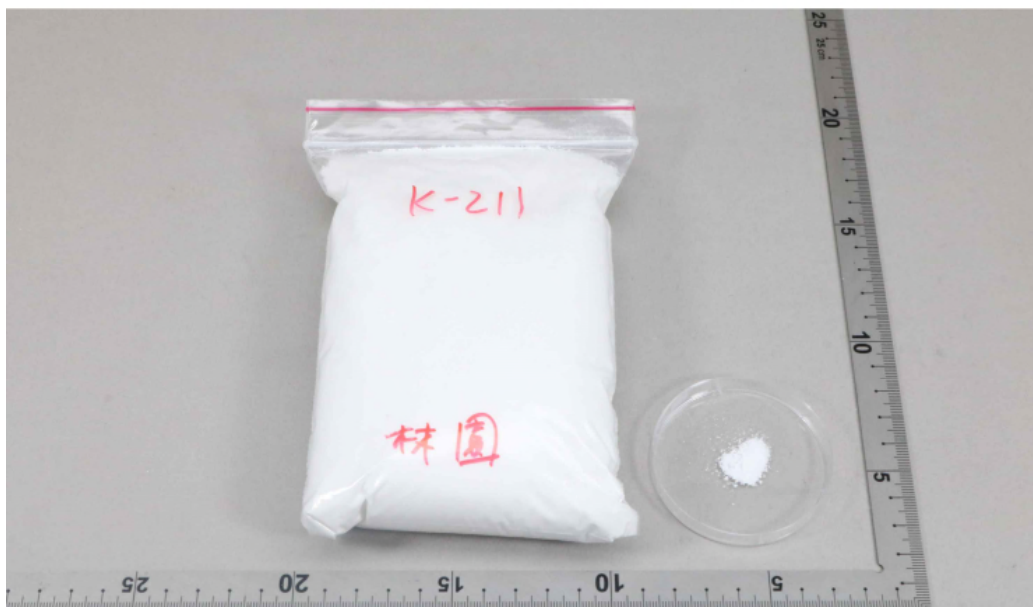
- 1 % = 10000 mg/kg = 10000 ppm

- Soluble Chromium (III) = Soluble Total Chromium – Soluble Chromium (VI)

Remark : \*\* = Test requirement in the submitted sample is not applicable. The product scope that mentioned by European Directive 2009/48/EC and its amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2019/1922 is for toy material.

### Sample Photo

# SFW26100156



SGS authenticate the photo on original report only

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

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