Test Report

Report No.: SFW20C01503  Report Issue Date: Jan 06, 2021  Page 1 of 3

Formosa Plastics Corporation
No.1-1, Shih-Hwa 1st Rd., Lin-Yuan District, Kaohsiung City, Taiwan (R.O.C.)

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

Material Name: Polypropylene Random Copolymer
Color: Clear
Style / Item No.: 5003, 5018, 5018T, 5020, 5050, 5050M, 5050S, 5060, 5060T, 5070, 5071, 5090T, 5090R, 5200XT, 5250T, 5300XT, 5350T
Material Composition: 100% Polypropylene Copolymer
Sample Submitted By: Formosa Plastics Corporation
Sample Receiving Date: Dec 30, 2020
Testing Period: Dec 30, 2020 ~ Jan 06, 2021

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

Signed for and on behalf of
SGS Taiwan Limited
Chemical Laboratory-Kaohsiung

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Test Report

EN71-3: 2019 – Migration of certain elements

Test Item | Result (mg/kg) | Reporting Limit (mg/kg) | Reference Limit** (mg/kg)
--- | --- | --- | ---
Soluble Aluminium (Al) | n.d. | 50 | 70,000
Soluble Antimony (Sb) | n.d. | 10 | 560
Soluble Arsenic (As) | n.d. | 10 | 47
Soluble Barium (Ba) | n.d. | 50 | 18,750
Soluble Boron (B) | n.d. | 50 | 15,000
Soluble Cadmium (Cd) | n.d. | 5 | 17
Soluble Chromium (III) (Cr (III)) | n.d. | 5 | 460
Soluble Chromium (VI) (Cr (VI)) | n.d. | 0.01 | 0.053
Soluble Cobalt (Co) | n.d. | 10 | 130
Soluble Copper (Cu) | n.d. | 50 | 7,700
Soluble Lead (Pb) | n.d. | 10 | 23
Soluble Manganese (Mn) | n.d. | 50 | 15,000
Soluble Mercury (Hg) | n.d. | 10 | 94
Soluble Nickel (Ni) | n.d. | 10 | 930
Soluble Selenium (Se) | n.d. | 10 | 460
Soluble Strontium (Sr) | n.d. | 50 | 56,000
Soluble Zinc (Zn) | n.d. | 50 | 46,000
Soluble Tin (Sn) | n.d. | 4.9 | 180,000
Soluble Organic Tin | -- | n.d. | 12

Test Item(s) | Soluble Organic Tin Result(s) (mg/kg) | MDL (mg/kg)
--- | --- | ---
Methyl tin (MeT) | n.d. | 1.8
Dimethyl tin (DMT) | n.d. | 1.8
Di-n-propyl tin (DProT) | n.d. | 1.8
Butyl tin (BuT) | n.d. | 1.8
Dibutyl tin (DBT) | n.d. | 1.8
Tributyl tin (TBT) | n.d. | 1.8
n-Octyl tin (MOT) | n.d. | 1.8
Tetrabutyl tin (TeBT) | n.d. | 1.8
Diphenyl tin (DPhT) | n.d. | 1.8
Di-n-octyl tin (DOT) | n.d. | 1.8
Triphenyl tin (TPhT) | n.d. | 1.8

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Sample Description:
1. Clear Colored Pellets

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:

Sample Photo

SGS authenticate the photo on original report only

*** End of Report ***