

Test Report

No.: NGBHL24000063401

Date: Jan 10, 2024

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Client Name: FORMOSA INDUSTRIES (NINGBO) CO., LTD

Client Address: FPG NINGBO INDUSTRIAL PARK BEILUN NINGBO, CHINA

Sample Description: POLYPROPYLENE RANDOM COPOLYMER

Style No.: NOT PROVIDED

Item No.: NOT PROVIDED

Manufacturer: FORMOSA INDUSTRIES (NINGBO) CO., LTD

Client Ref. Information: 5003、5003H、5050、5050M、5070、5070M、5090R、5090R_A、5250T、
5200XT、5200M、5300GT、5450XT、5600XT、5012XT、5800T、5061、
5062、5650HT、5650ET、5010HT、5220XT、8250T

Material and Mark: 5090T

The above sample(s) and information were provided by the client.

SGS No.: NBHL2401000236CW

SGS Ref. No.: NBPC2401000026

Sample Receiving Date: Jan 04, 2024

Testing Period: Jan 04, 2024 ~ Jan 10, 2024

Test Requested: Select test(s) as requested by the client.

Testing Performed: Follow selected test(s) as requested by client.

	Test Requirement	Comment
1	US FDA 21 CFR 177.1520 - Density at 23°C	Pass
2	US FDA 21 CFR 177.1520 - Extractable fraction	Pass
3	US FDA 21 CFR 177.1520 - Soluble fraction in Xylene	Pass

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

李覃刚

李覃刚

Approved Signatory

Scan to see the report



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Verification:
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Ningbo Branch Chemical Laboratory

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	NGB24-0000634-0001.C001	Translucent plastic granule	PP COPOLYME R

Remarks:

- (1) mg/dm^2 = milligram per square decimeter
 mg/inch^2 = milligram per square inches
 $\mu\text{g/cm}^2$ = microgram per square centimeter
 mg/L = milligram per litre
 mg/kg = milligram per kilogram
- (2) $^{\circ}\text{C}$ = degree Celsius
 $^{\circ}\text{F}$ = degree Fahrenheit
- (3) $\leq$ less than
- (4) RL = Reporting Limit
- (5) ND = Not Detected ($< \text{RL}$).

US FDA 21 CFR 177.1520 - Density at 23°C

Test Method: With reference to US FDA 21 CFR 177.1520d(1).

Test Item(s)	Limit	Unit(s)	A1
Density at 23°C	0.85-1.00	g/cm^3	0.901
Comment			Pass

US FDA 21 CFR 177.1520 - Extractable fraction

Test Method: With reference to US FDA 21 CFR 177.1520(d)(3)(ii).

Simulant used	Test Condition	Limit	Unit(s)	RL	A1	Comment
n-Hexane	50°C, 2 hrs	5.5	%(w/w)	0.5	0.5	Pass

US FDA 21 CFR 177.1520 - Soluble fraction in Xylene

Test Method: With reference to US FDA 21 CFR 177.1520(d)(4)(ii).

Test Item(s)	Limit	Unit(s)	RL	A1
Soluble Fraction in Xylene	30	%(w/w)	0.5	3.5
Comment				Pass

Remark:

- (1) g/cm^3 = gram per cubic centimeter
- (2) %(w/w) = percentage of weight by weight
- (3) hr = hour



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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.



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Sample Photo:



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