



Test Report

No.: T32020230829SC

Date: APR 28, 2020

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TYCOPLAS SDN BHD
LOT 2222, JALAN HOSPITAL, SUNGAI BULOH INDUSTRIAL AREA, 47000 SUNGAI BULOH, SELANGOR
DARUL EHSAN, MALAYSIA

The following samples were submitted and identified on behalf of the client as:

POLYPROPYLENE TABLEWARE

SGS Case No. : CA320202313299
Manufacturer : TYCOPLAS SDN BHD
Country of Origin : MALAYSIA
Sample Receiving Date : MAR 11, 2020
Test Performing Date : MAR 11 - 19, 2020

Test Requested : Please refer to the result summary.

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

Result Summary :

Test Requested	Conclusion
US FDA 21 CFR 177.1520 (Olefin Polymers) (Selected part as specified by client)	--
Polypropylene copolymer	--
a) Density	PASS
b) Extractable fraction	PASS
c) Soluble fraction	PASS

Signed for and on behalf of
SGS Hong Kong Ltd.

Cheung Cheuk Fung, Henry
Assistant Operations Manager

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.





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Test Results :

US FDA 21 CFR 177.1520 (Olefin Polymers)

Polypropylene copolymer

a) Density

Method : With reference to 21 CFR 177.1520 d(1) or ASTM D792:2008, determined at 23°C.

Test Item	Result (g/mL)	Permissible Limit (g/mL)
	1	
Density at 23°C	0.90	0.85 – 1.00
Comment	PASS	--

Sample Description :

1. Semi-Transparent Plastic (Container)

Note : g/mL = gram per milliliter

b) Extractable fraction

Method : With reference to 21 CFR 177.1520 (d)(3)(ii). Sample preparation in n-hexane at 50°C for 2 hours.

Test Item	Result (% w/w)	Reporting Limit (% w/w)	Permissible Limit (% w/w)
	1		
Extractable fraction	1.2	0.1	5.5
Comment	PASS	--	--

Sample Description :

1. Semi-Transparent Plastic (Container)

Note : 1. % w/w = percentage of weight by weight
2. ND = Not Detected
3. °C = degree Celsius

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c) Soluble fraction

Method : With reference to 21 CFR 177.1520 (d)(4)(ii). Sample preparation in xylene at 25°C.

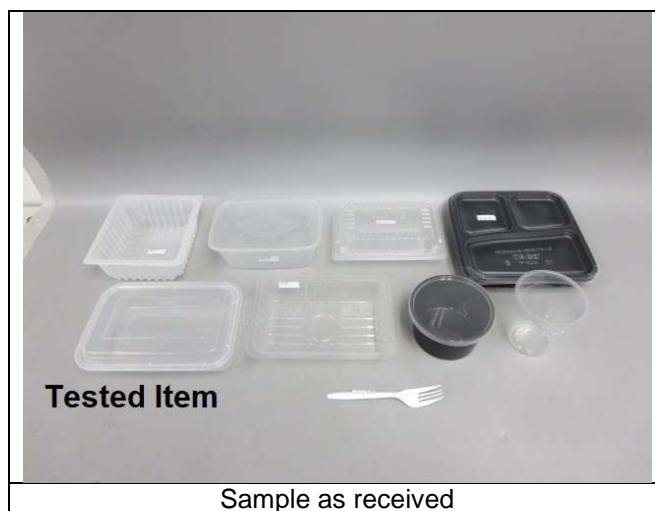
Test Item	Result (% w/w)	Reporting Limit (% w/w)	Permissible Limit (% w/w)
	1		
Soluble fraction	0.8	0.1	30.0
Comment	PASS	--	--

Sample Description :

1. Semi-Transparent Plastic (Container)

- Note :
1. % w/w = percentage of weight by weight
 2. ND = Not Detected
 3. °C = degree Celsius

Photo Appendix



*** End of Report ***

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