

Report No.: DGF250428017BE

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Applicant : Tengchuang Plastic Products Co., Ltd.
Address : 1/F Unit F0002 (One Address Multiple Licenses), No.8 Hongling East Road,
Chonglou Town, Taishan City, Guangdong, China

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

Product name : plastic lunch box
plastic soup cup
model : R48 / R32 / R24 / R16 / S29 / FN38 / CN38 / CN42 / CN48 / FN50 / 888 /
878 / 868 / 858 / S88 / S78 / S68 / T16 / T24 / T48 / T38 / T32 / T28 / 9288
/ 333
S8 / S12 / S16 / S24 / S32 / S64
Material name : PP meal box chassis
PP meal box lid
PP+PE soup cup lid
Color : Black
transparent
transparent

Date of Sample Received : Apr. 28, 2025
Test period : Apr. 28, 2025 - May 07, 2025

Test requested:

According to client's requirement, for material which contact with foodstuff, selected tests were performed for referent to the regulations US Food and Drug Administration (FDA).

Test method : Please refer to next page.

Test result : Please refer to next page.

Approved by:


Richard Ke
(Signed for and on behalf)



May 07, 2025

Dongguan NTEK Testing Technology Co., Ltd.

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Test results:

Test method: With reference to FDA 21 CFR 177.1520 Olefin polymers.

Test Items	Test conditions	Unit	Limit	Results	Conclusion
				No.1	
Maximum extractable fraction in n-hexane	reflux, 2h	%	6.4	1.4	Pass
Maximum extractable fraction in xylene	25°C, 2h	%	9.8	<3.0	Pass
Melting point	---	°C	160-180	175.8	Pass
Density	---	g/cm ³	0.880-0.913	0.910	Pass

Test Items	Test conditions	Unit	Limit	Results	Conclusion
				No.2	
Maximum extractable fraction in n-hexane	reflux, 2h	%	6.4	2.2	Pass
Maximum extractable fraction in xylene	25°C, 2h	%	9.8	3.5	Pass
Melting point	---	°C	160-180	176.4	Pass
Density	---	g/cm ³	0.880-0.913	0.911	Pass

Test Items	Test conditions	Unit	Limit	Results	Conclusion
				No.3	
Maximum extractable fraction in n-hexane	reflux, 2h	%	6.4	4.3	Pass
Maximum extractable fraction in xylene	25°C, 2h	%	9.8	6.0	Pass
Melting point	---	°C	---	130.7	---
Density	---	g/cm ³	---	0.930	---

Test Items	Test conditions	Unit	Limit	Results	Conclusion
				No.4	
Maximum extractable fraction in n-hexane	50°C, 2h	%	2.6	1.5	Pass
Maximum extractable fraction in xylene	25°C, 2h	%	11.3	6.2	Pass
Density	---	g/cm ³	---	0.930	---

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Test Part Description:

Group No.	Picture No.	Test Part Name
No.1	1-1	Translucent plastic
No.2	1-2	Black plastic
No.3	2	Translucent plastic
No.4	2	Translucent plastic

Note:

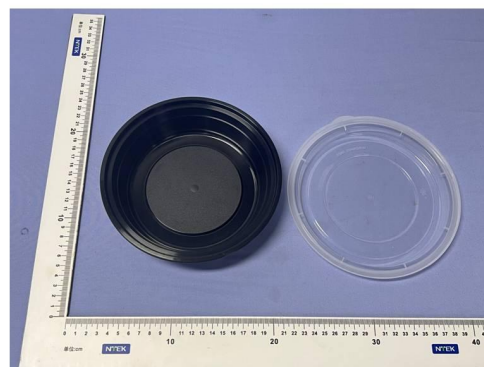
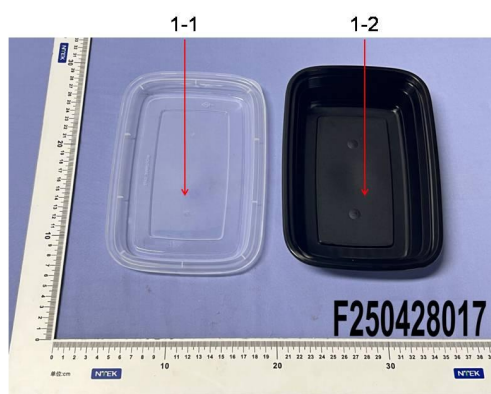
(1) $\text{mg/kg}=\text{ppm}=0.0001\%$; g/cm^3 = gram per cubic centimeter;

(2) $<$ = less than;

(3) “---” = Not regulated.

(4) Unless otherwise specified, refer to ILAC-G8:09/2019 and use the binary decision rule of simple acceptance ($W=0$) for conformity assessment.

Photograph of Sample:

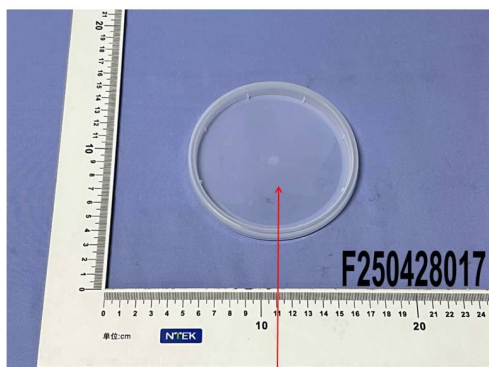


Reference photo

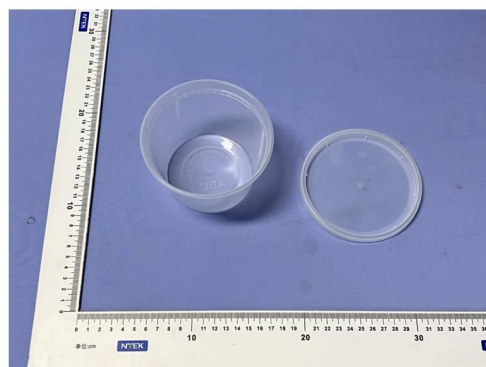
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Reference photo



Reference photo

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报告完