



Report No.: RTS220606L0403FD

Date : 2022-06-09

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# TEST REPORT

## Test information

<b>Applicant</b>	: Ningbo Blue Green Packaging Co., Ltd.
<b>Address</b>	: Room 316,Building No.28,Jiangbei District,Vanke Cloud Valley,Ningbo,315000,Zhejiang, China.
<b>Sample Description</b>	: Plastic Bag.
<b>PO#</b>	: Not provided.
<b>Style #</b>	: Not provided.
<b>Country of origin</b>	: China.
<b>Export to</b>	: Not provided.
<b>Buyer</b>	: Not provided.
<b>Receiving Date</b>	: June 06, 2022.
<b>Test period</b>	: June 06, 2022.~June 09, 2022.
<b>Test Requested</b>	: Tests requested in accordance to client requirement.

<u>TEST ITEMS</u>	<u>CONCLUSION</u>
Soluble fraction in Xylene – US FDA 21 CFR 177.1520	PASS
Extractable fraction in n-hexane – US FDA 21 CFR 177.1520	PASS
Density at 23°C– US FDA 21 CFR 177.1520	PASS

Signed for and on behalf of  
RTS TEST CO., LTD. (Zhejiang)



CHANGBIAO YU

Approved signatory



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**Sample image:**



RTS220606L0403FD-A



RTS220606L0403FD-A

**Test result:****A.\*Soluble fraction in xylene – US FDA 21 CFR 177.1520:(Unit: w/w %)****Test method:** With reference to US FDA 21 CFR 177.1520.

Test Number	Item/ component description(s)	Material (claimed by the client)
A1	Inner PE film	PE

Simulant Used	Time	Temp	Detection limit	Test result A1	Maximum Permissible Limit
Soluble fraction in xylene, w/w %	More than1h	25°C	0.5	9.46	11.3

**Note:**

- 1) N.D= Not detected, less than Detection limit .
- 2)% (w/w) = percentage of weight by weight.
- 3) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 2.1.

**B. \*Extractable fraction in n-hexane – US FDA 21 CFR 177.1520:(Unit: w/w %)****Test method:** With reference to US FDA 21 CFR 177.1520.

Test Number	Item/ component description(s)	Material (claimed by the client)
A1	Inner PE film	PE

Simulant Used	Time	Temp	Detection limit	Test result A1	Maximum permissible Limit
Extractable fraction in n-hexane at reflux temperature , w/w %	2h	50°C	0.5	1.44	5.5

**Note:**

- 1)N.D= Not detected, less than Detection limit.
- 2)% (w/w) = percentage of weight by weight.
- 3) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 2.1.



**C.\*Density at 23 °C– FDA 21 CFR 177.1520:(Unit: g/cm³)**

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

Test Number	Item/ component description(s)	Material (claimed by the client)
A1	Inner PE film	PE

Test item(s)	Test result	Maximum permissible Limit
Density at 23°C, g/cm³ Comment	0.885	0.85-1.00

**Note:**

1) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 2.1.

----- End of Report -----