



STC Test Report

Date: 2008-07-18

Page 1 of 3

NO: GP138703

APPLICANT: (Code: JPL001)

JING JIN PAPER PRODUCTS FACTORY LTD.
BAISHA DISTRICT HUEN TOWN
DONGGUAN CITY GUANGDONG
PROVINCE

DESCRIPTION OF SAMPLE(S):

One (1) bottle of submitted sample said to be:
吸塑油
COUNTRY OF ORIGIN: CHINA

DATE OF SAMPLE(S) RECEIVED:

2008-07-16

INVESTIGATION REQUESTED:

1. Phthalates content in accordance with EU Directive 2005/84/EC.
2. Heavy metals content in accordance with ASTM F 963-07^{e1} Standard Consumer Safety Specification on Toy Safety Section 4.3.5.

DATE TESTED:

2008-07-16 to 2008-07-17

CONCLUSION:

<u>TESTED SAMPLE</u>	<u>STANDARD</u>	<u>RESULT</u>
SUBMITTED SAMPLES	EU Directive 2005/84/EC for phthalates content	Pass
SUBMITTED SAMPLE	ASTM F 963-07 ^{e1} for heavy metals content.	Pass

Approved Signatory:



Huang Wen Bin
Assistant Lab Manager

Guangzhou Worldwide Standards and Testing Company Limited

110, Dongguan Zhuang Road, Tianhe District, Guangzhou, China (Zip Code: 510610)

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Page 2 of 3

NO: GP138703

TEST RESULTS:

1. Phthalates content of the submitted samples
Ref.: EU Directive 2005/84/EC
Determined by: Gas Chromatograph/Mass Spectrometry

Plasticised material in toys and childcare articles which can be placed in the mouth by children

吸塑油: transparent oil

Short form	Full name	Result	Limit
(DEHP)	Di (2-ethylhexyl) phthalate	0.00428%	0.1%
(BBP)	Butyl benzyl phthalate	Non-detected	0.1%
(DBP)	Di-butyl phthalate	Non-detected	0.1%
(DINP)	Di-iso-nonyl phthalate	Non-detected	0.1%
(DIDP)	Di-iso-decyl phthalate	Non-detected	0.1%
(DNOP)	Di-n-octyl phthalate	Non-detected	0.1%
Sum of tested phthalates		0.00428%	0.1%

Note: Method detection limit for BBP, DBP, DEHP, DNOP = 0.001% (w/w)
Method detection limit for DINP, DIDP = 0.01% (w/w)

2. Heavy metals analysis of the submitted sample
 - 2.1 Total lead analysis of the submitted sample
Ref.: ASTM F 963-07^{E1} Section 4.3.5.1
Method used: In-house test method GTC/TPM/CHM/009
Determined by: Inductively Coupled Plasma-Optical Emission Spectrometer

吸塑油: transparent oil

<u>Result</u>	<u>Limit</u>
<0.005%	0.060%

- 2.2 Soluble heavy metals analysis of the submitted sample
Ref.: ASTM F 963-07^{E1} Section 4.3.5.2
Determined by: Inductively Coupled Plasma-Optical Emission Spectrometer

吸塑油: transparent oil

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Page 3 of 3

NO: GP138703

	<u>Result</u>	<u>Limit</u>
Soluble antimony	<2mg/kg	60mg/kg
Soluble arsenic	<2mg/kg	25mg/kg
Soluble barium	<10mg/kg	1000mg/kg
Soluble cadmium	<7mg/kg	75mg/kg
Soluble chromium	<5mg/kg	60mg/kg
Soluble lead	<5mg/kg	90mg/kg
Soluble mercury	<5mg/kg	60mg/kg
Soluble selenium	<10mg/kg	500mg/kg

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