SGS
Mechanical & Hardgoods Lab

TEST REPORT

Report No : HY/2012/70058
Page : 1 of 2
Date : 2012/07/12

The following merchandise was submitted & identified by the applicant as:

Type of Product	Mercator Fit Ball
Style/Item No	650-27
Country of Origin	MADE IN TAIWAN
Other information	BLUE
Date of Sample received	2012/07/03
Test Performing Period	2012/07/04 – 07/11

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Requested

Migration of Certain Elements

Test method

Refer to EN 71 Part 3:1994 with the incorporation of amendments A1:2000/AC:2002

Test Results

- Please see the next page(s)

Signed for and on behalf of
SGS Taiwan Ltd.

Iris Huang
Ass. Manager

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Test Results:

Element	Unit	MDL	1	Limit
Soluble Antimony (Sb)	mg/kg	5	n.d.	60
Soluble Arsenic (As)	mg/kg	2.5	n.d.	25
Soluble Barium (Ba)	mg/kg	10	n.d.	1000
Soluble Cadmium (Cd)	mg/kg	5	n.d.	75
Soluble Chromium (Cr)	mg/kg	5	n.d.	60
Soluble Lead (Pb)	mg/kg	5	n.d.	90
Soluble Mercury (Hg)	mg/kg	5	n.d.	60
Soluble Selenium (Se)	mg/kg	5	n.d.	500

Description:

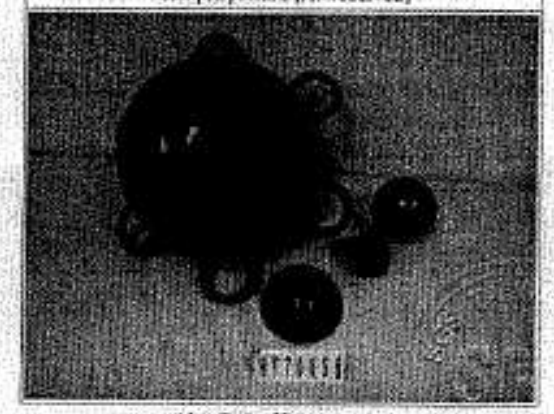
1. Composite of dk. blue, blue plastic of sample.

(Remark: Composite test has been performed as per the special request of client)

NOTE:

1. mg/kg = ppm
2. n.d. = Not Detected
3. MDL =Method Detection Limit

Sample picture (As received)



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SGS Taiwan Ltd. 3357562

SGS
Mechanical & Hardgoods Lab

TEST REPORT

Report No : HY/2012/70059
Page : 1 of 3
Date : 2012/07/12

The following merchandise was submitted & identified by the applicant as:

Type of Product:	Mercator Fit Ball
Style/Item No:	650-27
Country of Origin:	MADE IN TAIWAN
Other information:	BLUE
Date of Sample received:	2012/07/03
Testing period:	2012/07/04 - 07/11

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Requested

To determine the BBP, DBP, DEHP, DIDP, DINP and DNOP phthalate contents in submitted samples.

Test method

With reference to EN 14372: 2004 method. Analysis was performed by GC/MS.

Test Results

- Please see the next page(s)

Remark: European parliament adopted new phthalate directive 2005/84/EC, BBP, DBP and DEHP are totally banned for use in toys and children articles where their concentration exceed 0.1% by mass; DIDP, DINP and DNOP are totally banned for use in toys and children articles that can be placed in the mouth where their concentration exceed 0.1% by mass.

Signed for and on behalf of
SGS Taiwan Ltd.

Iris Huang
Asst. Manager

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SGS Mechanical & Hardgoods Lab

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Test Results:

Test Item	CAS NO.	Test Results	Detected Limit	Unit
		1		
BBP (Benzyl butyl phthalate)	000085-68-7	N.D.	0.003	%
DBP (Di-butyl phthalate)	000084-74-2	N.D.	0.003	%
DEHP (Di-(2-ethylhexyl) phthalate)	000117-81-7	N.D.	0.003	%
DNOP (Di-n-octyl phthalate)	000117-84-0	N.D.	0.003	%
DINP (Di-isononyl phthalate)	028553-12-0	N.D.	0.01	%
DIDP (Di-isodecyl phthalate)	026761-40-0	N.D.	0.01	%

Description:

1. Composite of dk. blue, blue soft plastic of sample.

(Remark: Composite test has been performed as per the special request of client)

NOTE:

1. mg/kg = ppm; 0.1wt% = 1000ppm
2. "N.D." non-detected means the test results is lower than detection limit value.

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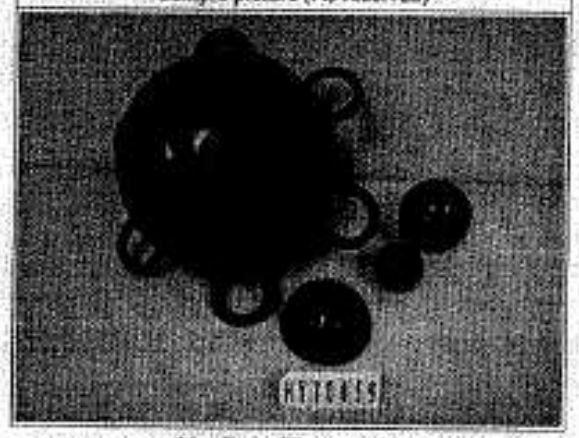
Sample picture (As received)



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