

XRF Test Report

Report No.:SZR0902203880102

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Applicant :SHENZHEN ART-TECH R/C HOBBY CO. LTD.

Address :3/F, NO.1 WANYELONG INDUSTRIAL PARK, LIYUAN INDUSTRIAL AREA,
TANGTOU VILLAGE, SHIYAN TOWN, BAOAN DISTRICT, SHENZHEN CHINA

Report on the submitted samples said to be:

Sample Name :Green MD500

Sample Received Date :Feb. 20, 2009

Testing Period :Feb. 20, 2009 to Mar. 16, 2009

Test Requested :As specified by client, to determine the Lead, Mercury, Cadmium,
Chromium and Bromine content in the submitted sample by XRF.

Test Equipment :XRF

Part Names: Please refer to the following page(s).

Test Results: Please refer to the following page(s).

Conclusion:When tested as specified, the results shown on the report do not
exceed the required limit of EU RoHS amending Directive
2002/95/EC notified under 2005/618/EC.

Tested by



Technical Manager

Inspected by



Approved by

Date

Mar. 16, 2009

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Green MD500

No.	Part Names	Subsection Items	Sample Description
1	AB blade	/	Black plastic
2	Dual blade grip/+ stabilization unit/Battery box	/	Black plastic
3	Axes core	/	Silver color metal
4	Bearing	Inner and outside ring	Silver color metal
5		Ball-bearing	Silver color metal
6		Airproof cover	Silver color metal
7		Ball bearing bracket	Silver color metal
8		Ring	Silver color metal
9	Gear AB/Ball buckle	/	Black plastic
10	Blade hub/Unilateralism bracket/Limited main bearing set	/	Black plastic
11	Arm liner set	/	Silver color metal
12	Arm/Inner and outer swashplate/Bearing seat set	/	Black plastic
13	Frame	/	Black plastic
14	Hot glue	/	Beige solid
15	EVA double-faced glue	Black EVA	Black expanded solid
16		Double-faced glue	Semi-transparent adhesive paste
17	Nickel-plate screw	Plating face	Silver color plating
18		Material	Metal base
19	Embed nickel-plate screw	Plating face	Silver color plating
20		Material	Metal base
21		Plastic embed set	Beige plastic
22	Galvanization screw	Plating face	Silver color plating
23		Material	Metal base

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No.	Part Names	Subsection Items	Sample Description
24	Landing gear	/	Black plastic with coloured coating
25	Fuselage canopy	/	Transparent plastic with coloured coating
26	Cockpit canopy	/	Brown transparent plastic
27	Green sticker	/	Green paster
28	Tail wing	/	White plastic with coloured coating
29	Filling foam	/	White foam

Test Results:

Tested Items	Content (mg/kg)			
	Sample No.1	Sample No.2	Sample No.3	Sample No.4
Lead (Pb)	<10	<10	<50	<50
Mercury (Hg)	<10	<10	<50	<50
Cadmium (Cd)	<10	<10	<50	<50
Chromium (Cr)	<10	<10	3.4×10^2	1.1×10^2
Bromine (Br)	<10	<10	/	/

Tested Items	Content (mg/kg)			
	Sample No.5	Sample No.6	Sample No.7	Sample No.8
Lead (Pb)	<50	<50	<50	<50
Mercury (Hg)	<50	<50	<50	<50
Cadmium (Cd)	<50	<50	<50	<50
Chromium (Cr)	3.7×10^2	6.1×10^2	2.5×10^2	3.7×10^2
Bromine (Br)	/	/	/	/

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Test Results:

Tested Items	Content (mg/kg)			
	Sample No.9	Sample No.10	Sample No.11	Sample No.12
Lead (Pb)	<10	<10	69	<10
Mercury (Hg)	<10	<10	<50	<10
Cadmium (Cd)	<10	<10	<50	<10
Chromium (Cr)	26	<10	<50	<10
Bromine (Br)	17	<10	/	<10

Tested Items	Content (mg/kg)			
	Sample No.13	Sample No.14	Sample No.15	Sample No.16
Lead (Pb)	<10	<10	<10	<10
Mercury (Hg)	<10	<10	<10	<10
Cadmium (Cd)	<10	<10	<10	<10
Chromium (Cr)	<10	<10	<10	45
Bromine (Br)	27	<10	<10	<10

Tested Items	Content (mg/kg)			
	Sample No.17	Sample No.18	Sample No.19	Sample No.20
Lead (Pb)	<50	<50	<50	<50
Mercury (Hg)	<50	<50	<50	<50
Cadmium (Cd)	<50	<50	<50	<50
Chromium (Cr)	89	<50	90	<50
Bromine (Br)	/	/	/	/

Tested Items	Content (mg/kg)			
	Sample No.21	Sample No.22	Sample No.23	Sample No.24
Lead (Pb)	<10	<50	<50	17
Mercury (Hg)	<10	<50	<50	<10
Cadmium (Cd)	<10	<50	<50	<10
Chromium (Cr)	<10	<50	<50	<10
Bromine (Br)	<10	/	/	<10

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Test Results:

Tested Items	Content (mg/kg)		
	Sample No.25	Sample No.26	Sample No.27
Lead (Pb)	<10	<10	<10
Mercury (Hg)	<10	<10	<10
Cadmium (Cd)	<10	<10	<10
Chromium (Cr)	<10	27	19
Bromine (Br)	28	<10	<10

Tested Items	Content (mg/kg)	
	Sample No.28	Sample No.29
Lead (Pb)	<10	<10
Mercury (Hg)	<10	<10
Cadmium (Cd)	<10	<10
Chromium (Cr)	<10	<10
Bromine (Br)	<10	<10

Note : -mg/kg = ppm = parts per million

Remark: 1.Testing results are used for reference only.

2.According to the client's declaration:

The sample No.2 and sample No.12 are made from same material.

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Photo of the sample



*** End of report ***

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