

XRF Test Report

Report No.:SZR0902203880103

Page 1 of 5

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

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TANGTOU VILLAGE, SHIYAN TOWN, BAOAN DISTRICT, SHENZHEN CHINA

Report on the submitted samples said to be:

Sample Name :Shark450 II
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

XRF Test Report

Report No.:SZR0902203880103

Page 2 of 5

Shark450 II

No.	Part Names	Subsection Items	Sample Description
1	Main blade	/	Black solid
2	Bearing	Inner and outside ring	Silver color metal
3		Ball-bearing	Silver color metal
4		Airproof cover	Silver color metal
5		Ball bearing bracket	Silver color metal
6		Ring	Silver color metal
7	Ball buckle/Gear belt/Belt gear/Draw rod top/Belt-gear cover/Forficiform arm	/	Black plastic
8	Stable wing/Tail center set/Tail arm/Tail rotor blade	/	Black plastic
9	Shell support rod/Ski set/Ski buckle/Plastic connect unit	/	Black plastic
10	Belt	/	Black rubber
11	Slip-perventing set/O circle	/	Black rubber
12	Support rod/Tail draw rod	/	Black solid
13	Black nickel-plate screw	Plating face	Black plating
14		Material	Metal base
15	Embed nickel-plate screw	Plating face	Silver color plating
16		Material	Metal base
17		Plastic embed unit	Beige plastic
18	Taitanium duralumin	Plating face	Silver-gray plating
19		Material	Metal base
20	Root duralumin	/	Silver color metal
21	Canopy	White canopy	White plastic
22		Brown canopy	Brown transparent plastic

XRF Test Report

Report No.:SZR0902203880103

Page 3 of 5

Test Results:

Tested Items	Content (mg/kg)			
	Sample No.1	Sample No.2	Sample No.3	Sample No.4
Lead (Pb)	<10	<50	<50	<50
Mercury (Hg)	<10	<50	<50	<50
Cadmium (Cd)	<10	<50	<50	<50
Chromium (Cr)	<10	1.1×10^2	3.7×10^2	6.1×10^2
Bromine (Br)	<10	/	/	/

Tested Items	Content (mg/kg)			
	Sample No.5	Sample No.6	Sample No.7	Sample No.8
Lead (Pb)	<50	<50	<10	<10
Mercury (Hg)	<50	<50	<10	<10
Cadmium (Cd)	<50	<50	<10	<10
Chromium (Cr)	2.5×10^2	3.7×10^2	26	<10
Bromine (Br)	/	/	17	<10

Tested Items	Content (mg/kg)			
	Sample No.9	Sample No.10	Sample No.11	Sample No.12
Lead (Pb)	<10	19	25	<10
Mercury (Hg)	<10	<10	<10	<10
Cadmium (Cd)	<10	<10	<10	<10
Chromium (Cr)	<10	27	<10	<10
Bromine (Br)	<10	<10	<10	<10

Tested Items	Content (mg/kg)			
	Sample No.13	Sample No.14	Sample No.15	Sample No.16
Lead (Pb)	1.7×10^2	<50	<50	<50
Mercury (Hg)	<50	<50	<50	<50
Cadmium (Cd)	<50	<50	<50	<50
Chromium (Cr)	<50	<50	90	<50
Bromine (Br)	/	/	/	/

XRF Test Report

Report No.:SZR0902203880103

Page 4 of 5

Test Results:

Tested Items	Content (mg/kg)		
	Sample No.17	Sample No.18	Sample No.19
Lead (Pb)	<10	1.1×10^2	93
Mercury (Hg)	<10	<50	<50
Cadmium (Cd)	<10	<50	<50
Chromium (Cr)	<10	<50	<50
Bromine (Br)	<10	/	/

Tested Items	Content (mg/kg)		
	Sample No.20	Sample No.21	Sample No.22
Lead (Pb)	<50	<10	<10
Mercury (Hg)	<50	<10	<10
Cadmium (Cd)	<50	<10	<10
Chromium (Cr)	<50	<10	27
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 test results of sample No.2~6 copy from sample No.4~8 of the test report
(Report No.SZR0902203880102)

The test results of sample No.7 copy from sample No.9 of the test report
(Report No.SZR0902203880102)

The test results of sample No.8~9 copy from sample No.2 of the test report
(Report No.SZR0902203880102)

The test results of sample No.14 copy from sample No.18 of the test report
(Report No.SZR0902203880102)

The test results of sample No.15~17 copy from sample No.19~21 of the test report
(Report No.SZR0902203880102)

The test results of sample No.21 copy from sample No.25 of the test report
(Report No.SZR0902203880104)

The test results of sample No.22 copy from sample No.26 of the test report
(Report No.SZR0902203880102)

XRF Test Report

Report No.:SZR0902203880103

Page 5 of 5

Photo of the sample



*** End of report ***

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