

# Test Report

No. ES160506035C006

SHENZHEN KINGFAR SUCTIONCUPS CO., LTD.

深圳市金翼吸盘用品有限公司

NO 23, RONGFU RD, GUANLAN, LONGHUA, SHENZHEN CITY, GUANGDONG, CHINA

广东省深圳市龙华新区观兰街道荣福路23号

(The Submitted Sample Said To Be)

样品信息描述

Sample Name : PVC transparent grains

样品名称 : PVC 透明颗粒

Sample Received Date : May 06, 2016

样品接收日期 : 2016.05.06

Testing Completed Date : May 12, 2016

测试完成日期 : 2016.05.12

Test Requested : As requested by client, according to EN 71-3:2013+A1:2014, to determine the content of the migration of certain elements in the submitted sample.

测试要求

根据客户要求, 依据 EN 71-3:2013+A1:2014, 检测所提交样品中元素迁移含量。

Test Results : Please refer to next page(s).

测试结果

请参看随后页面。

Executive Summary:

执行测试总结:

STANDARD

标准

CONCLUSION

结论

EN 71-3:2013+A1:2014 – Migration of certain elements

EN 71-3: 2013+A1:2014 –元素迁移含量要求

PASS

合格

Signed for and on behalf of  
Shenzhen EMTEK Co., Ltd.



*Jason*

Manager  
May 12, 2016

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**TEST RESULTS:**

**测试结果:**

Test Method: Samples were extracted in diluted hydrochloric acid in accordance with EN 71-3:2013+A1:2014, the analysis was performed by ICP-MS.

测试方法 : 依据EN71-3:2013+A1:2014, 样品采用稀盐酸萃取, 分析仪器为ICP-MS。

Test Item 测试项目	Result(mg/kg) 结果(mg/kg)	MDL (mg/kg)
	Transparent soft plastic 透明软塑料	
Aluminum (Al) 铝 (Al)	ND	10
Antimony (Sb) 锑 (Sb)	ND	10
Arsenic (As) 砷 (As)	ND	10
Barium (Ba) 钡 (Ba)	ND	10
Boron (B) 硼 (B)	ND	10
Cadmium (Cd) 镉 (Cd)	ND	10
Chromium (Cr <sub>3+</sub> )# 铬 (Cr <sub>3+</sub> ) #	ND	10
Chromium (Cr <sub>6+</sub> )# 铬 (Cr <sub>6+</sub> ) #	ND	0.2
Cobalt (Co) 钴 (Co)	ND	10
Copper (Cu) 铜 (Cu)	ND	10
Lead (Pb) 铅 (Pb)	ND	10
Manganese (Mn) 锰 (Mn)	ND	10
Mercury (Hg) 汞 (Hg)	ND	10
Nickel (Ni) 镍 (Ni)	ND	10
Selenium (Se) 硒 (Se)	ND	10
Strontium (Sr) 锶 (Sr)	ND	10
Tin (Sn) 锡 (Sn)	ND	10
Organic Tin* 有机锡*	ND	3
Zinc (Zn) 锌 (Zn)	ND	10

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**TEST RESULTS:**

**测试结果:**

- Remark: 1. mg/kg = part per million = ppm      ND = Not Detected (less than MDL)  
说明:    mg/kg = 百万分之一 = ppm            ND = 未检测到 (小于 MDL)  
          MDL = Method Detection Limit  
          MDL = 方法检测限
2. #Soluble Chromium (III) and Soluble Chromium (VI) were reported as Soluble Total Chromium, further confirmation test will be required when Total Chromium is detected.  
# = 溶出的三价铬和六价铬是以溶出的总铬计, 当检测到总铬时, 必须进行进一步的验证试验。
3. \*Soluble Organic Tin was reported as Soluble Tin, further confirmation test will be required when Soluble Tin is detected.  
\* = 溶出的有机锡是以溶出的锡计, 当检测到锡时, 必须进行进一步的验证试验。
4. All the materials tested belong to Scraped-off toy material by identifying.  
测试材料参照在玩具表面刮出物中的限量要求。



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Requirement of migration of certain elements content according to EN 71-3:2013+A1:2014:

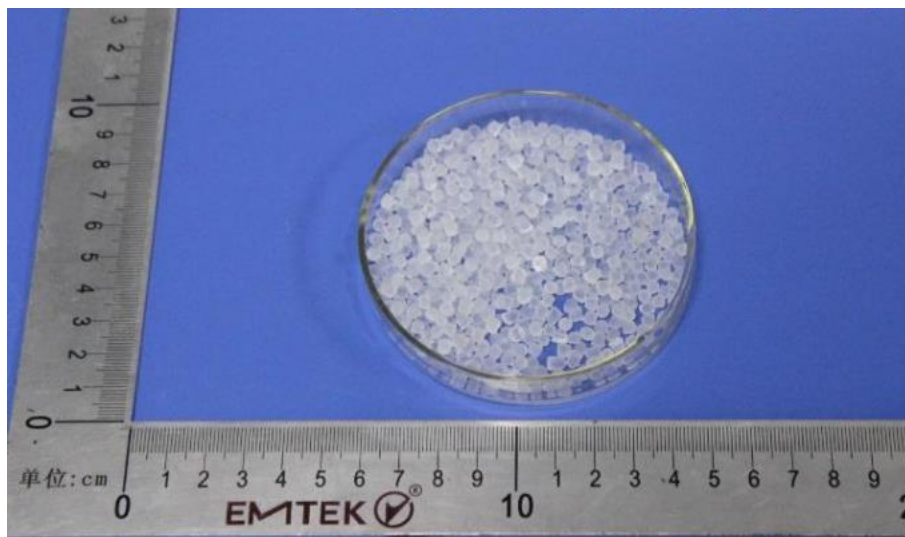
依据EN 71-3:2013+A1:2014元素迁移含量要求

Parameter 参数	Dry, brittle, powder-like or pliable toy material (mg/kg) 在干燥, 粉末装或柔软的 玩具材料中(mg/kg)	Liquid or sticky toy material (mg/kg) 在液态或粘稠的玩具材料 中(mg/kg)	Scraped-off toy material (mg/kg) 在玩具表面刮出物中 (mg/kg)
Aluminum 铝 (Al)	5625	1406	70000
Antimony 锑 (Sb)	45	11.3	560
Arsenic 砷 (As)	3.8	0.9	47
Barium 钡 (Ba)	1500	375	18750
Boron 硼 (B)	1200	300	15000
Cadmium 镉 (Cd)	1.3	0.3	17
Chromium (III) 铬 (III)	37.5	9.4	460
Chromium Cr(VI) 铬 (VI)	0.02	0.005	0.2
Cobalt 钴 (Co)	10.5	2.6	130
Copper 铜 (Cu)	622.5	156	7700
Lead 铅 (Pb)	13.5	3.4	160
Manganese 锰 (Mn)	1200	300	15000
Mercury 汞 (Hg)	7.5	1.9	94
Nickel 镍 (Ni)	75	18.8	930
Selenium 硒 (Se)	37.5	9.4	460
Strontium 锶 (Sr)	4500	1125	56000
Tin 锡 (Sn)	15000	3750	180000
Organic tin 有机锡	0.9	0.2	12
Zinc 锌 (Zn)	3750	938	46000

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Photo Appendix  
样品照片



\* \* \* \* \* The End \* \* \* \* \*  
\* \* \* \* \* 结 束 \* \* \* \* \*