



**TESTING OF SAMBA ELITE POP UP GOALS TO EN 71 SAFETY OF TOYS**

CLIENT	Sambasports
CLIENT ADDRESS	Walton Street Colne Lancashire BB8 0EN
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REPORT NUMBER	LSUK.15-0201	
REPORTED BY		James Blackburn Technical Director
APPROVED BY		Dr Colin Young Managing Director

SUMMARY OF REPORT / FINDINGS	<p>Testing of Samba Elite Pop Up Goals available in 3 sizes 4 ft , 6ft half round and 4ft Square have been undertaken in accordance with EN 71 Safety of Toys</p> <p>All goals were found to meet the requirements of EN 71-1, 2 and 3</p>
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SCOPE OF TESTING	<p>Determination of the mechanical and physical properties of toys in accordance with EN 71-1:2014</p> <p>Determination of the flammability of toys under particular test conditions – Toys intended to be entered by a child in accordance with EN 71-2:2011+A1:2014</p> <p>Determination of migration of certain elements in accordance with EN 71-3:2013+A1:2014</p>
TEST PROCEDURE/STANDARDS	<p>EN 71-1:2014 Mechanical and Physical Properties</p> <p>EN 71-2:2011+A1:2014 Flammability of Toys</p> <p>EN 71-3:2013+A1:2014 Migration of Certain Elements</p>
PRODUCT DETAILS / DESCRIPTION	<p>Self-assembly Pop up goals available in 3 sizes and shape, 4ft half round, 6ft half round and 4ft square</p>
TEST CONDITIONS	<p>The test samples were tested at <math>23 \pm 2</math> °C and <math>50 \pm 10</math> % relative humidity and conditioned for a minimum of 24 hours prior to testing commencement.</p>

**TEST RESULTS EN71-1 MECHANICAL AND PHYSICAL PROPERTIES**

Clause	Details	Result
4.1	Material	Pass
4.2	Assembly	Pass
4.7	Edges	Pass
4.8	Points and Wires	Pass
4.16	Heavy Immobile Toys	Pass
5.0	Toys intended for Children under 36 months	n/a
6.0	Packaging	Pass
7.1	General Requirements	Pass
7.2	Toys not intended for Children under 36 months	Pass

**TEST RESULTS EN71-2 FLAMMABILITY OF TOYS**

Clause	Details	Result
4.4	Toys intended to entered by a child	Pass

## TEST RESULTS EN71-3 MIGRATION OF CERTAIN ELEMENTS

Sample	Elements (see table below for limits)																			Result
Frame	101	0.5	<0.5	1.6	8.9	<0.5	0.7	0.7	<0.004	6.8	28	1.3	1.3	<0.5	2.4	<0.5	11	<0.5	33	Pass
Blue Fabric	17	0.7	<0.5	36	9.2	<0.5	<0.5	<0.5	<0.004	<0.5	13	0.7	0.8	<0.5	1.3	<0.5	8.1	<0.5	246	Pass
Netting	4.6	1.2	<0.5	1.6	7.4	<0.5	<0.5	<0.5	<0.004	<0.5	13	1.0	0.6	<0.5	1.4	<0.5	7.1	<0.5	23	Pass
Corner Brackets	4.6	<0.5	<0.5	0.9	6.8	<0.5	<0.5	<0.5	<0.004	<0.5	13	0.8	0.7	<0.5	1.5	<0.5	7.4	<0.5	22	Pass
Black Straps	25	<0.5	<0.5	17	8.4	<0.5	0.7	0.7	<0.004	<0.5	22	7.1	2.0	<0.5	1.5	<0.5	8.5	<0.5	65	Pass
Velcro Wraps	9.2	<0.5	<0.5	5.5	8.6	<0.5	<0.5	<0.5	<0.004	<0.5	16	2.0	0.9	<0.5	1.4	<0.5	8.4	<0.5	32	Pass
Yellow Pegs	3.9	<0.5	<0.5	0.7	6.3	<0.5	<0.5	<0.5	<0.004	<0.5	14	0.7	0.5	<0.5	1.2	<0.5	7.4	<0.5	22	Pass
Elastic Cord	11	<0.5	<0.5	110	8.5	<0.5	0.6	0.6	<0.004	<0.5	1.8	<0.5	1.3	<0.5	1.4	<0.5	6.2	<0.5	2665	Pass
Metal Pegs	5.3	<0.5	<0.5	0.7	10	<0.5	7.0	7.0	<0.004	<0.5	2.8	0.5	61	<0.5	1.8	<0.5	6.6	<0.5	8100	Pass

Element	Migration limit		
	Category I mg/kg	Category II mg/kg	Category III mg/kg
Aluminium	5 625	1 406	70 000
Antimony	45	11,3	560
Arsenic	3,8	0,9	47
Barium	1 500	375	18 750
Boron	1 200	300	15 000
Cadmium	1,3	0,3	17
Chromium (III)	37,5	9,4	460
Chromium (VI)	0,02	0,005	0,2
Cobalt	10,5	2,6	130
Copper	622,5	156	7 700
Lead	13,5	3,4	160
Manganese	1 200	300	15 000
Mercury	7,5	1,9	94
Nickel	75	18,8	930
Selenium	37,5	9,4	460
Strontium	4 500	1 125	56 000
Tin	15 000	3 750	180 000
Organic tin	0,9	0,2	12
Zinc	3 750	938	46 000

## CONCLUSIONS

The submitted samples complied with the requirements of

- EN 71-1:2014 Mechanical and physical properties
- EN 71-2:2011+A1:2014 Flammability
- EN 71-3:2013+A1:2014 Migration of certain elements

## PHOTOGRAPHS

### Goals

