



Greater China

Test Report No.: 70.452.21.14699.01

Dated: 2021-12-01

Applicant: YONGKANG HYDO SPORTS CO., LTD.
Address: 32 NANYANGBEI ROAD, GUSHAN, YONGKANG, ZHEJIANG, CHINA
Product Name: KICK SCOOTER
Style No.: F3
Receipt Date of Sample: 2021-11-22
Date of Testing: 2021-11-22 to 2021-12-01
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item	Conclusion
1. EN 71-1:2014+A1:2018 Mechanical and Physical Properties	Pass
2. EN 71-2:2020 Flammability	Pass
3. EN 71-3:2019+A1:2021- Migration of certain elements	Pass

Remarks: 1. MDL = Method Detection Limit
 2. ND = Not Detected (<MDL)
 3. <= Less than
 4. 1 mg/kg = 1 ppm = 0.0001%

TÜV SÜD Certification and Testing (China) Co.,Ltd. Shanghai Branch
Testing Center

Prepared by:

Jenny Yao
Technical Engineer

Authorized by:

Sawyer Tang
Technical Manager



Note:

- The TÜV SÜD Certification and Testing (China) Co., Ltd. "General Terms & Conditions" applied. Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see "Testing and certification regulation", chapter A-3.4 For full version, please visit: EN : <https://www.tuvsud.cn/zh-cn/resource/terms-and-conditions---en> ; SCN: <https://www.tuvsud.cn/zh-cn/terms-and-conditions> ; TCN: <https://www.tuvsud.com/zh-tw/terms-and-conditions>
- The results relate only to the items tested.
- The test report shall not be reproduced except in full without the written approval of the laboratory
- Disclaimer Measurement Uncertainty:
Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.
Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

Description of the Tested Subject

Sample	Description	Photo
A	KICK SCOOTER	

T. No	Sample	Description
T1	001	Black soft plastic (handle grip)
T2	002	Black plastic ring (on metal handle stem/screw)
T3	003	White paper sticker with plastic film (on handle stem)
T4	004	Black coating (on metal)
T5	005	Black plastic button (quick release)
T6	006	Black plastic (footboard)
T7	007	Transparent soft plastic (tire)
T8	008	Black soft plastic band (bottom)
T9	009	Black plastic (stop board)



Test Results

Age range and Labelling requirements

<i>Item</i>	<i>Requirement – test item</i>	<i>Results, remarks</i>
1	Age range	Labelled age range: Suitable for 3-8 years Requested age range: 3-8 Age range in testing: From 3 to 8 years Age Group Assessed As per Age Guideline: Over 2 years
2	Labelling requirement (Washing/Cleaning instruction, CE marking, Importer / Manufacturer name and address, Product identification) according to the Directive 2009/48/EC-Safety of toys.	
2.1	CE marking	Result (On Product): Present Result (On Package): Present
2.2	Manufacturer's Name and Address	Result (On Product): Absent Result (On Package): Absent
2.3	Importer's Name and Address	Result (On Product): Absent Result (On Package): Present
2.4	Product Identification	Result (On Product): Present Result (On Package): Present
2.5	The following marking shall be fulfilled.	
2.5.1	The CE marking is subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008. The CE marking shall be affixed visibly, legibly and indelibly to the toy, to an affixed label to the packaging, or to the counter display.	
2.5.2	The manufacturer's name and address, importer's name and address in the EU shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.	
2.5.3	The toys shall bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.	



1. EN 71-1:2014+A1:2018 Mechanical and physical properties

<i>Item</i>	<i>Requirement – test item</i>	<i>Results, remarks</i>	<i>Evaluation</i>
4	General requirements		/
4.1	Material cleanliness		P
4.2	Assembly		P
4.7	Edges		P
4.8	Points and metallic wires		P
4.9	Protruding parts		P
4.15	Toys intended to bear the mass of a child		P
7	Warnings, markings and instructions for use		/
7.1	General		P
7.18	Toy scooters		P

2. EN 71-2:2020 Flammability

<i>Item</i>	<i>Requirement – test item</i>	<i>Results, remarks</i>	<i>Evaluation</i>
4.1	General requirements		P

Abbreviation: P=Pass; F=Fail; N/A = Not Applicable; N/T=Not Tested; N/R=Not Requested; / = slash symbol

Note: Only applicable clauses were shown.

3. EN 71-3:2019+A1:2021- Migration of certain elements

Test with reference to EN 71-3:2019+A1:2021, determination by ICP-MS.

Test Item	Limit in scraped-off toy materials [mg/kg]	MDL [mg/kg]	Result(s) [mg/kg]					
			001	002	003	004	005	006
Soluble Aluminum	28130	5.00	<5.00	<5.00	188	5050	5.79	9.00
Soluble Antimony	560	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Arsenic	47	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Barium	18750	5.00	<5.00	<5.00	6.15	11.0	<5.00	<5.00
Soluble Boron	15000	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Cadmium	17	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Chromium III	460	0.04	<0.04	<0.04	0.220	0.800	<0.04	<0.04
Soluble Chromium VI	0.053	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Soluble Cobalt	130	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Copper	7700	5.00	<5.00	<5.00	<5.00	6.30	<5.00	<5.00
Soluble Lead	23	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Manganese	15000	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Mercury	94	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Nickel	930	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Selenium	460	5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Soluble Strontium	56000	5.00	<5.00	<5.00	6.65	<5.00	<5.00	<5.00
Soluble Tin	180000	2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
Organic Tin	12	7.50	<7.50	<7.50	<7.50	<7.50	<7.50	<7.50
Soluble Zinc	46000	5.00	<5.00	<5.00	6.15	24.0	<5.00	<5.00
Conclusion			Pass	Pass	Pass	Pass	Pass	Pass



Test Item	Limit in scraped-off toy materials [mg/kg]	MDL [mg/kg]	Result(s) [mg/kg]		
			007	008	009
Soluble Aluminum	28130	5.00	<5.00	<5.00	<5.00
Soluble Antimony	560	5.00	<5.00	<5.00	<5.00
Soluble Arsenic	47	5.00	<5.00	<5.00	<5.00
Soluble Barium	18750	5.00	<5.00	<5.00	<5.00
Soluble Boron	15000	5.00	<5.00	<5.00	<5.00
Soluble Cadmium	17	5.00	<5.00	<5.00	<5.00
Soluble Chromium III	460	0.04	<0.04	0.151	<0.04
Soluble Chromium VI	0.053	0.04	<0.04	<0.04	<0.04
Soluble Cobalt	130	5.00	<5.00	<5.00	<5.00
Soluble Copper	7700	5.00	<5.00	<5.00	<5.00
Soluble Lead	23	5.00	<5.00	<5.00	<5.00
Soluble Manganese	15000	5.00	<5.00	<5.00	<5.00
Soluble Mercury	94	5.00	<5.00	<5.00	<5.00
Soluble Nickel	930	5.00	<5.00	<5.00	<5.00
Soluble Selenium	460	5.00	<5.00	<5.00	<5.00
Soluble Strontium	56000	5.00	<5.00	<5.00	<5.00
Soluble Tin	180000	2.50	<2.50	<2.50	<2.50
Organic Tin	12	7.50	<7.50	<7.50	<7.50
Soluble Zinc	46000	5.00	<5.00	<5.00	<5.00
Conclusion			Pass	Pass	Pass

Remark: Mass of trace amount of sample 003 is 57.00 mg, sample 004 is 48.00 mg

- End of Test Report -