



Test Report

Report No.: SFT20071313922-02E

Date: Jul.21, 2020

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Applicant: VeryPuzzle Co., Ltd

Address: RM 023, 9/F BLK G KWAI SHING IND BLDG (STAGE 2) 42-46 TAI LIN PAI RD KWAI CHUNG NT HONG KONG

The following merchandise was (were) submitted and identified by client as:

Sample Name: Puzzle parts
 #50、#51、#52、#53、#54、#55、#56、#57、#58、#59、#60、#61、#62、#63、#64、
 #65、#66、#67、#68、#69、#70、#71、#72、#73、#74、#75、#76、#77、#78、#79、
 #80、#81、#82、#83、#84、#85、#86、#87、#88、#89、#90、#91、#92、#93、#94、
 #95、#96、#97、#98、#99、#100、#101、#102、#103、#104、#105、#106、#107、
 #108、#109、#110、#111、#112、#113、#114、#115、#116、#117、#118、#119、
 #120、#121、#122、#123、#124、#125、#126、#127、#128、#129、#130、#131、
 #132、#133、#134、#135、#136、#137、#138、#139、#140、#141、#142、#143、
 #144、#145、#146、#147、#148、#149、#150

Model No.:

Country of Origin: P.R.China

Manufacturer: VeryPuzzle Co., Ltd

Age grading: 6+

Age group applied in testing: Over 6 years

Receive date: Jul.13, 2020

Test Period: From Jul.13, 2020 to Jul.16, 2020

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION
Physical and Mechanical Properties – Standard Consumer Safety Specification on Toy Safety ASTM F963-17	PASS(except 7.1)
Flammability – Standard Consumer Safety Specification on Toy Safety ASTM F963-17	PASS
Total Lead Content in Substrate- Standard Consumer Safety Specification on Toy Safety ASTM F963-17	PASS
Soluble Heavy Metals Content in Substrate – ASTM International Standard ASTM F963-17, Section 4.3.5.2(2)(b)	PASS

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

Signed for and on Behalf of SFT



Jack Zhong / Technical Manager
Guangdong Safety Testing Co., Ltd.

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Test Result(s):

Physical and Mechanical Properties – ASTM F963-17

Test method: ASTM F963-17

Section	Testing Items	Assessment
4.1	Material quality (visual check on cleanliness)	PASS
4.5	Sound-producing toys	NA
4.6	Small objects	NA
4.6.1	Toys that are intended for children under 36 months of age	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games that are intended for use by children who are at least three years old but less than six years of age	NA
4.7	Accessible edges	PASS
4.8	Projections	NA
4.9	Accessible points	PASS
4.10	Wires or rods	NA
4.11	Nails and fasteners	NA
4.12	Plastic film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps and elastics	NA
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	NA
4.17	Wheels, tires, and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teether and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA

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4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labeling requirements	
5.1	Federal government requirements	NA
5.2	Age grading labeling	See remark 1
	Remark 1: The toy or package should indicate the minimum age for intended use.	
5.3	Safety labeling requirements	NA
5.4	Aquatic toys	NA
5.5	Crib and playpen toys	NA
5.6	Mobiles	NA
5.7	Stroller and carriage toys	NA
5.8	Toys intended to be assembled by an adult	NA
5.9	Simulated protective devices	NA
5.10	Toys with functional sharp edges or points	NA
5.11	Small objects, small balls , marbles, and balloons	NA
5.12	Toy caps	NA
5.13	Art materials	NA
5.14	Electric toys	NA
5.15	Battery-operated toys	NA
5.16	Promotional materials	NA
5.17	Magnets	NA
6	Instructional literature	
6.1	Definition and description	NA
6.2	Crib and playpen toys	NA

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6.3	Mobiles	NA
6.4	Toys intended to be assembled by an adult	NA
6.5	Battery-operated toys	NA
6.6	Battery powered ride-on toys	NA
6.7	Toys in contact with food	NA
6.8	Toys chests	NA
7	Producer's markings	
7.1	Producer's markings	See remark 2
	Remark 2: It is drawn to your attention that either a principal component of a toy or the package of a toy shall be marked with the name and address of the producer or the distributor.	
7.2	Battery-powered ride-on toys	NA
7.3	Toys chests	NA

Note / Key :

NA = Not Applicable.

NC= Not Conducted as per client's request.

Clause	Testing Items	Assessment
8.5	Normal use testing	PASS
8.5.1	Washable test	NA
8.6	Abuse Testing	PASS
8.7	Impact test	PASS
8.8	Torque test	PASS
8.9	Tension test	PASS
8.10	Compression test	NA
8.12	Flexure test	NA
8.16	Tension test for pompoms	NA

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Flammability - Standard Consumer Safety Specification on Toy Safety ASTM F963-17

Test method: CPSC 16 CFR 1500.44

As per section 4.2 of the standard consumer safety specification on toy safety ASTM F963-17

Sample	Burn rate (inch/sec.)	Limit (inch/sec.)
Puzzle parts	0.01	0.10

Note / Key :

1. DNI = Did not ignite.
2. IBE = Ignited but self-extinguished before burn-rate could be determined.
3. All styles of the submitted toy samples (and its accessories) was/were tested, the above result only showed the most severe burn rate of the samples.
4. *Burning rate has been rounded to the nearest one tenth of an inch per second.
5. The burn rate of a composite product (that is solid/fabric combined)exceeds 0.1 in./s in part due to the presence of a permanently attached fabric, then a secondary test to fabric separately was conducted in accordance the standard

Total Lead Content in Substrate- Standard Consumer Safety Specification on Toy Safety ASTM F963-17

Test method: ASTM F963-17 Section 8.3

Maximum Allowable Limit :	100 mg/kg	
Test Item(s)	Result (Unit :mg/kg)	Conclusion
1	ND	PASS

Note / Key :

ND = Not detected
 mg/kg = milligram per kilogram = ppm = part per million
 Detection Limit (mg/kg) : 10

Remark : Tested part(s) was/were specified by client

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Soluble Heavy Metals Content in Substrate - ASTM International Standard ASTM F963-17, Section 4.3.5.2(2)(b)

Test method: ASTM F963-17, Section 8.3.5 (Excluding 8.3.5.5(3)).

Soluble Element(s)	As	Ba	Cd	Cr	Hg	Pb	Sb	Se
Maximum Allowable Limit (mg/kg)	25	1 000	75	60	60	90	60	500
Analytical Correction (%)	60	30	30	30	50	30	60	60
-	Unit	Result						
Test Item(s)	-	1	-	-	-	-	-	-
Soluble Arsenic (As)	mg/kg	ND	-	-	-	-	-	-
Soluble Barium (Ba)	mg/kg	ND	-	-	-	-	-	-
Soluble Cadmium (Cd)	mg/kg	ND	-	-	-	-	-	-
Soluble Chromium (Cr)	mg/kg	ND	-	-	-	-	-	-
Soluble Mercury (Hg)	mg/kg	ND	-	-	-	-	-	-
Soluble Lead (Pb)	mg/kg	ND	-	-	-	-	-	-
Soluble Antimony (Sb)	mg/kg	ND	-	-	-	-	-	-
Soluble Selenium (Se)	mg/kg	ND	-	-	-	-	-	-
Conclusion	-	PASS	-	-	-	-	-	-

Note / Key :

ND = Not detected

mg/kg = milligram per kilogram = ppm = part per million

Test Item	Sample Description/ Location	Style
1	Black plastic (puzzle parts)	-

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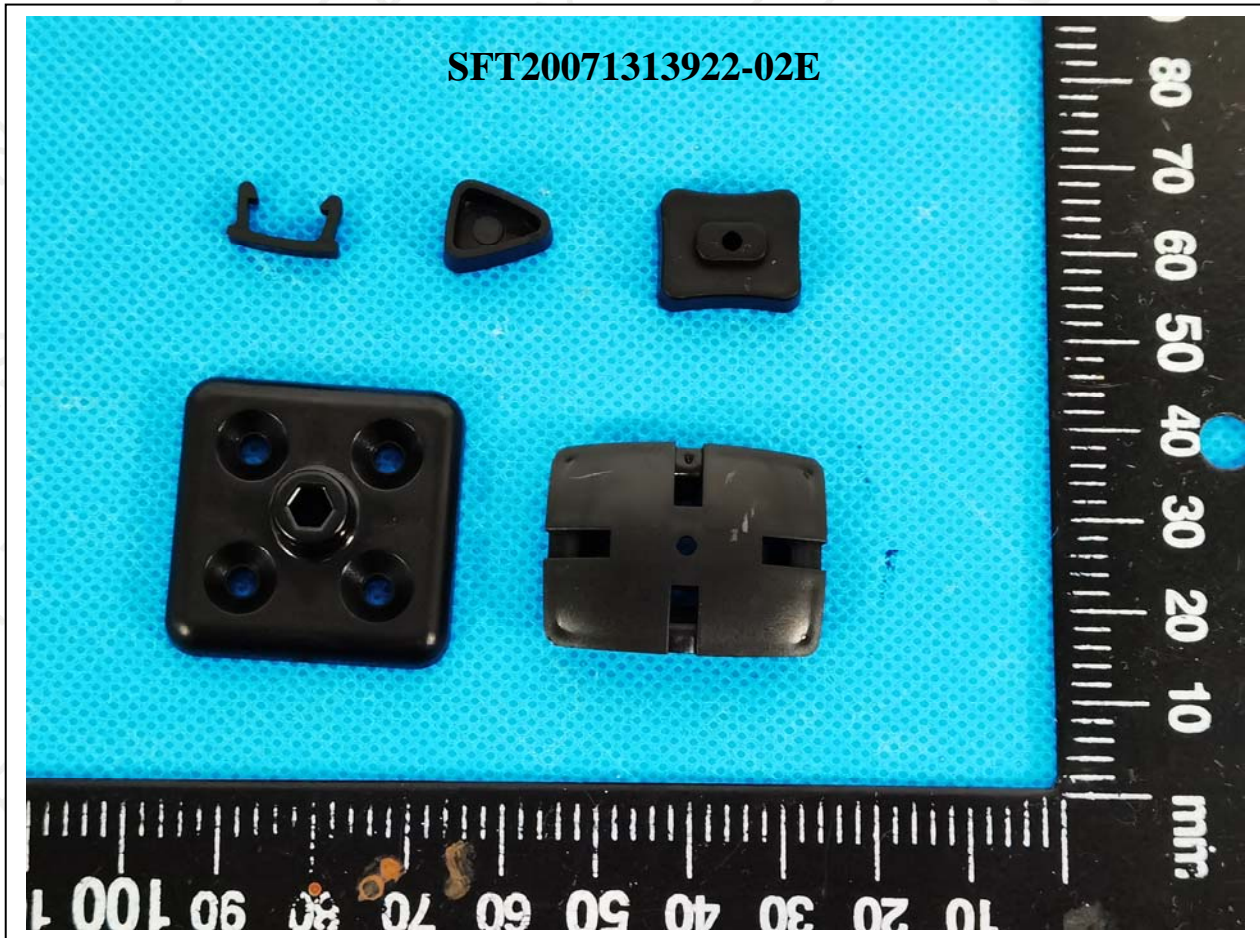
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Photo of Sample



End of Report

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