Capybara Toy

TJ-CAPY-001 · tech pack · Rev A · 2026-11-09

AT A GLANCE

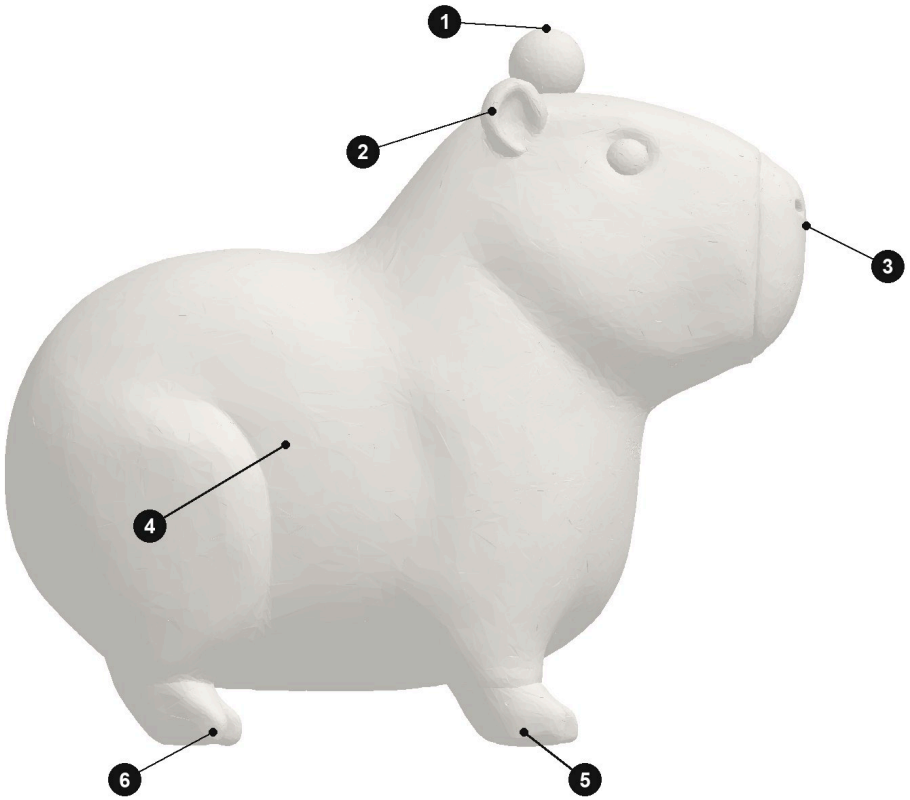
Category	Vinyl collectible figure, one chunky capybara with an orange on its head
Part / buyer	TJ-CAPY-001 · thinkjoin demo · geometry from thinkmesh, tooling not committed
Outer L × H × W	278.6 × 250.0 × 166.1 mm (thinkmesh envelope; its units were guessed, so confirm scale)
Stance	157.2 × 131.0 mm across the four feet
Mesh	77,328 triangles · 47,995 vertices · 1.5 MB GLB (quantised, WebP textures) · not yet watertight
Material	Soft PVC vinyl, grade + Shore A OPEN (RFQ)
Process	Rotational casting + masked spray paint, proposed, OPEN with the vendor
Colours	caramel #CD7F40 · cocoa #6C3026 · ears #3C1B16 · orange #F8A549
Units / truth	mm, capybara_toy.glb + measured.json

BASE MEASUREMENTS (MM)

POM	Point of measure	mm	±
A	Overall length (rump to snout)	278.6	pending
B	Overall height (floor to top of the orange)	250.0	pending
C	Overall width (side to side)	166.1	pending
D	Stance length (front feet to rear feet)	157.2	pending
E	Stance width (across the feet)	131.0	pending
F	Snout height (front face)	78.0	pending
G	Snout width (front face)	69.5	pending



the 3D master, capybara_toy.glb, the real mesh (render)



RIGHT, the real mesh: every visible feature numbered (key below)



FRONT, the same mesh, same scale

FEATURE KEY

#	Feature	Detail
1	Orange	crowns the head · orange #F8A549 · top of the orange = overall height B 250.0
2	Ears (×2)	rounded, set behind the eyes · dark #3C1B16
3	Snout	78.0 high × 69.5 wide at the front face · cocoa #6C3026
4	Body	one rounded body, gloss · caramel #CD7F40 · 278.6 × 166.1 mm
5	Front feet (×2)	cocoa #6C3026 · stance 157.2 × 131.0 mm
6	Rear feet (×2)	cocoa #6C3026 · the figure stands on four feet

THE SAMPLE — THE OWNER'S OWN PIECE

sample cut-outs (pending)

THE 3D MASTER — ORTHOGRAPHIC, 166 X 279 X 250 MM



FRONT — 3D master, orthographic



BACK — 3D master, orthographic



LEFT — 3D master, orthographic



RIGHT — 3D master, orthographic



TOP — 3D master, orthographic

CONSTRUCTION

detail views (pending)

HARDWARE & COMPONENTS

hardware table (pending)

NOT PRESENT ON THE SAMPLE

RECORDED DIMENSIONS (MM) — 7 MEASURES, EACH WITH ITS SOURCE

POM	Point of measure	mm	±	Source
A	Overall length (rump to snout)	278.6	pending	capybara_toy.glb · measured
B	Overall height (floor to top of the orange)	250.0	pending	capybara_toy.glb · measured
C	Overall width (side to side)	166.1	pending	capybara_toy.glb · measured
D	Stance length (front feet to rear feet)	157.2	pending	capybara_toy.glb · measured
E	Stance width (across the feet)	131.0	pending	capybara_toy.glb · measured
F	Snout height (front face)	78.0	pending	capybara_toy.glb · measured
G	Snout width (front face)	69.5	pending	capybara_toy.glb · measured

OPEN ITEMS — CONFIRM ON THE SAMPLE

- Scale: thinkmesh guessed the units; confirm the real size before tooling
- The mesh is not watertight; close it before STEP and the mould
- Vinyl grade, Shore A and wall thickness: RFQ
- Paint masks and colour standards: vendor proposal

MATERIALS SCHEDULE

materials schedule (pending)

MATERIALS & FINISH

FINISH SEQUENCE

TOOLING & PROCESS

QC ACCEPTANCE

COST

COST

Quote pending from the vendors in the brief — no invented numbers.

FILES IN THIS PACK (2)

capybara_toy.glb

measured.json

NON-NEGOTIABLES

DIMENSION PROVENANCE — EVERY MEASURE AND WHERE IT CAME FROM

POM	Measure	mm	Source
A	Overall length (rump to snout)	278.6	capybara_toy.glb · measured
B	Overall height (floor to top of the orange)	250.0	capybara_toy.glb · measured
C	Overall width (side to side)	166.1	capybara_toy.glb · measured
D	Stance length (front feet to rear feet)	157.2	capybara_toy.glb · measured
E	Stance width (across the feet)	131.0	capybara_toy.glb · measured
F	Snout height (front face)	78.0	capybara_toy.glb · measured
G	Snout width (front face)	69.5	capybara_toy.glb · measured

reference photos (pending)

PHOTOGRAPHS USED

Photo	Used as

METHOD

- Measurements: vertex extents of capybara_toy.glb, scaled so its length equals thinkmesh's 278.6 mm envelope (measured.json)
- Views: orthographic projections of the same mesh; hero: a render of the same mesh
- Colours: sampled from the toy's reference photographs

PRODUCT SAFETY AND REGULATIONS - VINYL COLLECTIBLE FIGURE: A CHUNKY CAPYBARA WITH AN ORANGE BALANCED ON ITS HEAD

checked 2026-11-09T07:14:40Z via research_second (the K2 research lanes kit) · words: head, toy, figurine, action figure

Date	Source	Product / brand	Hazard or rule	Link
2026-10-22	US CPSC recalls API	Bamamon LED Projecting Finger Light Toys	None reported.	https://www.cpsc.gov/Recalls/2027/BAMAMON-Recalls-LED-Projecting-Finger-Light-Toys-Due-to-Risk-of-Serious-Injury-or-Death-from-Battery-Ingestion-Violate-Mandatory-Standard-for-Toys
2026-10-01	US CPSC recalls API	Squishy Dumpling Toys, Crazy Squib Ball Toys	The squishy toys violate the mandatory safety standard for toys because the water beads inside the toys expand larger than permitted, posing a deadly ingestion hazard. If a water bead is ingested, it can pose ingestion, choking, and intestinal obstruction hazards inside a child's body, resulting in severe discomfort, vomiting, dehydration and a risk of death to a child.	https://www.cpsc.gov/Recalls/2027/ABC-Trading-Recalls-Squishy-Toys-Due-to-Risk-of-Serious-Injury-or-Death-from-Water-Bead-Ingestion-Violate-Mandatory-Standard-for-Toys
2026-10-01	US CPSC recalls API	GBYMIUY Magnetic Stick Figure Toy Sets	The magnetic stick figure toy sets violate the mandatory standard for toys because they can liberate loose high-powered magnets posing an ingestion hazard to children. When high-powered magnets are swallowed, the ingested magnets can attract each other or other metal objects and become lodged in the digestive system. This can result in perforations, twisting, and/or blockage of the intestines, blood poisoning and death.	https://cpsc.gov/Recalls/2027/GBYMIUY-Recalls-Magnetic-Stick-Figure-Toy-Sets-Due-to-Risk-of-Serious-Injury-or-Death-from-Magnet-Ingestion-Violate-Mandatory-Standard-for-Toys
2026-10-01	US CPSC recalls API	Mochi Malrang Mystery Dumpling Toys	The mystery dumpling toys violate the mandatory safety standard for toys because the water beads inside the dumplings expand larger than permitted, posing a deadly ingestion hazard. If a water bead is ingested, it can pose ingestion, choking, and intestinal obstruction hazards inside a child's body, resulting in severe discomfort, vomiting, dehydration and a risk of death to a child.	https://cpsc.gov/Recalls/2027/LLK-Trading-Recalls-Mochi-Malrang-Mystery-Dumpling-Toys-Due-to-Risk-of-Serious-Injury-or-Death-from-Water-Bead-Ingestion-Violate-Mandatory-Standard-for-Toys

SOURCES AND WHAT EACH ANSWERED

Source	Status	Last updated	Rows
US CPSC recalls API	hits 4: 7 hit(s) read, 4 name this category (the second researcher's 90 days)	2026-11-05	4
EU Safety Gate weekly reports	pointer: weekly report 2026-11-06 read, not searched by category (its alerts - brand, product, risk - are inside the report)	2026-11-06	0
openFDA food enforcement	partial: searched as ONE quoted phrase, not word by word; 0 hits	not stated by the source (checked 2026-11-09T07:14:40Z)	0
openFDA device enforcement	partial: searched as ONE quoted phrase, not word by word; 0 hits	not stated by the source (checked 2026-11-09T07:14:40Z)	0
openFDA drug enforcement	partial: searched as ONE quoted phrase, not word by word; 0 hits	not stated by the source (checked 2026-11-09T07:14:40Z)	0
Federal Register API	none (searched, 0)	not stated by the source (checked 2026-11-09T07:14:40Z)	0

Public notices for this product category, read from the agencies' own routes and dated; not a compliance opinion.