

Ben10 Action Figure Set Tech Pack

Product Details

Product Description

A collection of Ben10 action figures designed to capture the essence of the popular animated series. Each figure represents a different alien character, featuring vibrant colors, articulated joints, and intricate details for imaginative play. Ideal for fans of all ages who want to bring their favorite characters to life.

Product Notes

Ensure color matching across all components. Monitor joint articulation during assembly to prevent breakage.

Product Category

Toys → Action Figures → Animated Series Collection

Intended Market Age Range

Children 4+ (EU, US, JP compliant)

Bill of Materials (BOM)




Component Name	Material	Specification	Qty per unit	Unit Cost	Notes
Figure Body	ABS Plastic	High-impact, non-toxic ABS plastic with UV resistance	150 g	0.80 USD/100 g	Durable and safe for children, providing long-lasting playability
Paint	Non-toxic Paint	Compliant with ASTM D-4236 standards	20 g	0.50 USD/10 g	Safe for children, vibrant and durable
Joints	POM (Polyoxymethylene)	High-strength, low-friction joint material	30 g	1.20 USD/50 g	Allows smooth and stable articulation

Measurements & Tolerance

Measurement	Value	Tolerance
Width	5 cm	±0.5 cm
Height	5 cm	±0.5 cm
Length	15 cm	±0.5 cm
Weight	200 g	±10 g

Colorways

Primary Colors

-  Ben Green (#3F9E4D)
-  Alien Blue (#1E90FF)
-  Omnitrix Black (#000000)

Accent Colors

-  Power Glow Yellow (#FFD700)

Quality Standards

AQL 1.5 for general inspection level II; CPSIA compliance for safety standards.

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Packaging

- **Packaging Type:** Display-ready carton
- **Material Spec:** 350 GSM cardboard with a glossy finish, printed using soy ink
- **Closure Type:** Tuck flap
- **Artwork File Reference:** ben10_packaging_artwork.ai
- **Inner Packaging:** Tissue paper and protective film
- **Barcode & Label Placement:** GTIN/EAN barcode on the bottom, care label inside flap, 'Made in China' label on the back.

Sizes

Size increments based on overall character height, with corresponding adjustments to articulation and paint detail.

Standard (15 cm height), Large (35 cm height)

Construction Details

- The Ben10 Action Figure Set incorporates advanced molding techniques to achieve fine details and vibrant colors. Articulated joints ensure a broad range of motion, enhancing the play experience.
- **Injection Molding:** Precision molding for detailed and durable figure parts
 - **Articulated Joints:** Allows flexible movement in arms, legs, and head
 - **Paint Application:** Detailed hand-painting for facial features and costumes

Quality Standards

AQL 1.5 for general inspection level II; CPSIA compliance for safety standards.

Product Photos

