

SBZ2BK-105B

Anycubic Standard Resin v2 - Black,

Product Overview

Anycubic Standard Resin v2 - Black, Photopolymer Resin material, 365-405 nm Wavelength, 3 mins curing time, Compatible with All 405nm LCD/DLP printers



Specifications

Overview Summary:

Anycubic Standard Resin V2 Black is formulated to deliver accurate, durable 3D prints with smooth surfaces and excellent detail. Its low-viscosity, low-odour formula helps improve print reliability while offering strong impact resistance for functional parts, miniatures, models, and prototypes. Compatible with all 405nm LCD and DLP 3D printers, it is an excellent choice for consistent printing results.

Whether you are creating detailed display models or practical components, this 1kg photopolymer resin provides dependable performance and easy processing. Order online today, buy now, and shop now for reliable resin printing with trusted Anycubic quality.

Performance tier:Mid to High Performance

Uses:Miniatures, figurines, functional prototypes, engineering models, enclosures, snap-fit parts, hobby projects, detailed resin printing

Overview:

Anycubic Standard Resin V2 Black 1kg for High-Precision 3D Printing

The Anycubic Standard Resin V2 Black is engineered for creators who need reliable, high-quality results from LCD and DLP resin 3D printers. Its improved formulation delivers excellent strength while maintaining the fine detail and smooth surface finish expected from premium photopolymer resin. Designed for consistent performance, it offers enhanced toughness, reduced shrinkage, and improved print success, making it suitable for everything from detailed miniatures to functional prototypes and engineering components.

Description:

Built for accuracy and durability, Anycubic Standard Resin V2 Black combines a low-viscosity formula with excellent dimensional stability to produce crisp details and dependable prints. Faster resin flow helps minimise bubbles while improving bed adhesion, reducing failed prints and delivering cleaner results. Compatible with all 405nm LCD and DLP resin printers, it is an excellent choice for hobbyists, designers, engineers, and makers looking for dependable everyday printing performance.

Features:

Why Choose Anycubic Standard Resin V2

The upgraded resin formula offers greater flexibility than conventional brittle resins, allowing finished parts to better withstand everyday handling and minor impacts. Its low shrinkage characteristics help maintain dimensional accuracy, while the reduced odour formulation creates a more comfortable printing experience.

Whether you are printing display models, custom enclosures, prototypes, or mechanical parts, this resin delivers a balance of precision, strength, and ease of use.

Key Benefits

- Improved toughness helps reduce cracking and brittle fractures
- High dimensional accuracy with low volumetric shrinkage
- Low-viscosity formulation promotes smoother printing and faster bubble release
- Excellent bed adhesion helps reduce print failures
- Produces sharp details and smooth surface finishes

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Product Specification Sheet

- Compatible with all 405nm LCD and DLP resin 3D printers
- Optimised for use with Anycubic Photon Workshop pre-configured print profiles
- Low-odour formulation for a more pleasant printing environment

Printing Information

For the best results, shake the resin thoroughly before use and print within the recommended temperature range. The resin performs efficiently with standard 405nm UV curing systems and can be cleaned using 95% IPA before final curing.

Recommended settings include:

- Print environment: 20 to 40degreesC
- Print temperature: 20 to 50degreesC
- First layer exposure: 20 to 40 seconds
- Normal exposure: 2.5 to 3 seconds
- UV wavelength: 365 to 405nm
- UV curing wavelength: 405nm
- Recommended curing temperature: 18 to 30degreesC
- UV curing intensity: 25,000 to 30,000 uW/cm²
- Typical curing time: Approximately 3 minutes
- Washing time: 3 minutes or longer using 95% IPA

Technical Details

- Colour: Black
- Material: Photopolymer Resin
- Wavelength: 365 to 405nm
- Viscosity: 250 to 350 mPa·s at 25degreesC
- Density: 1.05 to 1.25 g/cm
- Hardness: 80 to 83 HD
- Tensile strength: 35 to 45 MPa
- Elongation at break: 25 to 30%
- Bending modulus: 40 to 50 MPa
- Bending strength: 1500 to 2100 MPa
- Young's modulus: 1200 to 1400 MPa
- Izod impact strength: 192 J/m
- Volume shrinkage: 4.3 to 5.6%
- Product weight: 1kg

Compatibility

This resin is compatible with virtually all 405nm UV LCD and DLP resin 3D printers, making it an excellent option for users across multiple printer brands while delivering reliable performance and high-quality finished models.

The Part Number / SKU for this product is SBZ2BK-105B, making it easy to identify when ordering replacement resin or managing inventory.

What's in the Box

- 1 x Anycubic Standard Resin V2 Black 1kg

Specifications:

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Product Specification Sheet

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Specifications

Product Code	SBZ2BK-105B
Colour	Black (#212721)
Pre-print preparation	Shake well before use
Print environment	20-40 degreesC
First layer exposure duration	20-40 s
Normal exposure duration	2.5-3 s
Print temperature	20-50 degreesC
Material	Photopolymer Resin
Wavelength	365-405 nm
Viscosity	250-350/mPa s(25degreesC)
Density	1.05-1.25/g/cm ³
Hardness	80-83 HD
Tensile Strength	35-45 MPa
Elongation at Break	25-30%
Bending Modulus	40-50 MPa
Bending Strength	1500-2100 MPa
Young's Modulus	1200-1400 MPa
Izod Impact Strength	192 J/m
Volume Shrinkage Rate	4.3-5.6%
Cleaning	95% IPA
Washing duration	>=3 mins
UV Wavelength	405 nm
Curing Temperature	18-30 degreesC
UV Intensity	25000-30000 uW/cm ²
Curing time	3 mins
Disposal	Post-UV-curing resin is treated as plastic waste
Product Weight	1kg

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Product Specification Sheet

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx-computers.co.za/SBZ2BK-105B-Anycubic-Standard-Resin-v2-Black-Buy-p-339655.php>

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