

SSX2BK-10

Anycubic Water Wash Resin 2.0 - Black

Product Overview

Anycubic Water wash Resin 2.0 - Black - 1 kg, Compatible with 365-405 nm msla/LCD Resin printers, Rinses clean with Water in Medium washing duration, Hydrophilic group-modified light-curing Resin material, Post-cured hardness of 82-85 HD, Print temperature range of 20-50 Degrees C



Specifications

Overview Summary:

Upgrade your 3D printing workflow in South Africa with the Anycubic Water Wash Resin 2.0 Black, engineered for users who demand high-detail results without the mess of harsh solvents. This hydrophilic group-modified formula allows you to rinse printed parts clean using only water, saving time and reducing exposure to harmful chemicals while delivering a professional black finish perfect for display models and miniatures.

Designed for compatibility with 365-405 nm MSLA and LCD resin printers, this material ensures excellent layer adhesion within a 20-40 degrees C environment. Once washed, a quick post-cure at 405 nm locks in superior mechanical properties, offering tensile strength of 38-43 MPa and hardness of 82-85 HD for parts that are both firm and dimensionally stable. Buy now to experience reliable printing with low volume shrinkage rates.

Performance tier:High

Uses:Miniatures, display models, detailed prototypes, hobbyist projects, engineering parts

Overview:

The ANYCUBIC Water Wash Resin 2.0 in Black (Part Number SSX2BK-10) is a premium hydrophilic group-modified light-curing resin designed specifically for MSLA and LCD resin printers operating within the 365 to 405 nm wavelength range. This material allows makers and professionals to achieve high-detail prints without relying on harsh solvents, as the printed parts can be thoroughly cleaned using only plain water. The formulation ensures that after a simple rinse of at least five minutes, no isopropyl alcohol or other aggressive chemicals are required for the washing stage.

Once washed and dried, the resin requires a brief post-cure cycle to lock in its full mechanical properties. A three-minute exposure to 405 nm UV light with an intensity between 25,000 and 30,000 $\mu\text{W}/\text{cm}^2$ is sufficient to harden the part completely. This process results in finished models that are firm, durable, and dimensionally stable, making them ideal for display pieces, miniatures, and functional prototypes.

Description:

Experience superior print quality with the ANYCUBIC Water Wash Resin 2.0 Black, a versatile material that combines ease of use with professional-grade results. This resin is engineered to eliminate the mess and odor associated with traditional solvent-based cleaning methods, allowing you to rinse your prints clean with water alone. Its optimized viscosity ensures smooth layer adhesion within an ambient temperature range of 20 to 40 degrees Celsius, while its low shrinkage rate guarantees that your final models maintain their intended dimensions. Whether you are a hobbyist creating detailed miniatures or a professional producing display models, this black resin delivers a rich finish and robust physical properties including high tensile strength and excellent impact resistance.

Features:**Key Features:**

- Water-washable formula allows for easy cleaning with water instead of harsh solvents
- Compatible with all standard MSLA and LCD printers using 365-405 nm UV light sources
- Rich black color (#212721) perfect for miniatures, display models, and detailed prints
- High mechanical strength with tensile strength between 38 and 43 MPa
- Low volume shrinkage rate of 2.2 to 5.5% ensures dimensional accuracy
- Rapid post-curing capability in just 3 minutes at 405 nm
- Environmentally friendly disposal as standard plastic waste after curing

Tech Specifications

The material properties of this resin are tailored for strength and precision. It features a viscosity between 190 and 230 mPa·s at 25 degrees Celsius, ensuring smooth flow during printing. The cured hardness reaches 82 to 85 HD, while the elongation at break ranges from 16 to 22%, providing a balance of rigidity and flexibility.

- Color: Black (#212721)
- Resin Size: 1kg
- Pre-print preparation: Shake well before use
- Print environment: 20-40 degrees Celsius
- First layer exposure duration: 25-40 seconds
- Normal exposure duration: 2-2.5 seconds
- Print temperature range: 20-50 degrees Celsius
- Material type: Hydrophilic group-modified light-curing resin

ComX Computers

Product Specification Sheet

- Wavelength compatibility: 365-405 nm
- Viscosity: 190-230 mPa·s (at 25 degrees Celsius)
- Density: 1.07-1.09 g/cm
- Hardness: 82-85 HD
- Tensile Strength: 38-43 MPa
- Elongation at Break: 16-22%
- Bending Modulus: 48-60 MPa
- Bending Strength: 2300-3000 MPa
- Young's Modulus: 1100-1300 MPa
- Izod Impact Strength: 133 J/m
- Volume Shrinkage Rate: 2.2-5.5%

Cleaning and Curing Guide

To achieve the best results, wash the printed parts using water for a medium duration of at least five minutes. For those preferring solvent cleaning or specific machine requirements, a 95% IPA solution can be used for at least three minutes. Once washed, place the part in a UV curing station set to 405 nm with an intensity of 25,000-30,000 $\mu\text{W}/\text{cm}^2$ for exactly three minutes at a temperature between 18 and 30 degrees Celsius.

- Cleaning method: Water (minimum 5 mins) or 95% IPA (minimum 3 mins)
- UV Wavelength: 405 nm
- Curing Temperature: 18-30 degrees Celsius
- UV Intensity: 25,000-30,000 $\mu\text{W}/\text{cm}^2$
- Curing time: 3 minutes

Disposal Instructions

Safety and environmental responsibility are paramount when working with resin. Never drain wastewater containing uncured resin into sewers or drains to avoid contaminating groundwater. Instead, collect the cleaning wastewater in a dedicated tank and let it sit for a period of time before exposing it to sunlight until fully cured.

- Do not pour uncured liquid down the drain
- Let wastewater sit in a tank to allow resin content to settle
- Cure the remaining liquid under sunlight or UV light until solid
- Dispose of the cured residue as standard plastic waste for recycling

What's in the Box

- Anycubic Water Wash Resin 2.0 - Black x1 (1kg bottle)

Specifications:

© 2026 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (<http://www.comx.co.za>), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications

Product Code	SSX2BK-10
Colour	Black (#212721)
Resin Size	1kg
Pre-print preparation	Shake well before use
Print environment	20-40 degreesC
First layer exposure duration	25-40 s

ComX Computers

Product Specification Sheet

Normal exposure duration	2-2.5 s
Print temperature	20-50 degreesC
Material	Hydrophilic group-modified light-curing resin
Wavelength	365-405 nm
Viscosity	190-230/mPa s(25degreesC)
Density	1.07-1.09/g/cm ³
Hardness	82-85 HD
Tensile Strength	38-43 MPa
Elongation at Break	16-22%
Bending Modulus	48-60 MPa
Bending Strength	2300-3000 MPa
Young's Modulus	1100-1300 MPa
Izod Impact Strength	133 J/m
Volume Shrinkage Rate	2.2-5.5%
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
Cleaning	Water
Washing duration	Medium >=5 min
UV Wavelength	405 nm
Curing Temperature	18-30 degreesC
UV Intensity	25000-30000 uW/cm ²
Curing time	3 mins
Disposal	1. Do not drain wastewater into sewers to avoid contaminating groundwater. 2. After cleaning, let the wastewater sit in the tank for a period of time. 3. Place it under sunlight to allow the resin in the tank to fully cure. 4. Once cured, dispose of it as solid plastic waste for recycling to prevent environmental pollution.

FAQ

Is this resin compatible with my 3D printer?

The ANYCUBIC Water Wash Resin 2.0 is designed for MSLA/LCD printers and works with UV light sources ranging from 365-405 nm.

Do I need to use solvents like IPA to clean prints made with this resin?

ComX Computers

Product Specification Sheet

No, the hydrophilic group-modified formula allows you to rinse printed parts clean using only water for at least 5 minutes, eliminating the need for harsh solvents during the wash stage.

What are the recommended printing and curing conditions?

For best results, print in an ambient temperature between 20-40 degrees C. After washing, post-cure the part for 3 minutes at 405 nm UV (25,000-30,000 $\mu\text{W}/\text{cm}^2$) to lock in mechanical properties and ensure dimensional stability.

How should I dispose of the resin or wastewater after use?

Do not drain wastewater into sewers. Instead, let the used resin sit in a tank until it fully cures under sunlight, then treat the solidified material as standard plastic waste for recycling to prevent environmental pollution.

What are the mechanical properties of the finished black prints?

Cured parts feature a hardness of 82-85 HD and a tensile strength between 38-43 MPa, making them firm and suitable for detailed display models or miniatures with low volume shrinkage.

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/SSX2BK-10-Anycubic-Water-Wash-Resin-2-0-Black-Buy-p-341306.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx-computers.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx-computers.co.za/terms-of-sale.php>

PDF generated: 2026-10-10 07:02:31.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.