ComX Computers
Product Specification Sheet

SSX2GY-10

Anycubic Water Wash Resin 2.0 - Grey

Product Overview

Anycubic Water wash Resin 2.0 - Grey, Hydrophilic group-modified light-curing Resin material, Compatible with 365-405 nm MSLA/LCD printers, Water washable cleaning Method requires Medium washing duration of at least 5 minutes, Cured hardness measurement of 82-85 HD, Tensile strength range of 38-43 MPa, Volume shrinkage rate between 2.2% and 5.5%







Specifications

Overview Summary:

Welcome to your premier destination for professional-grade 3D printing materials in South Africa. The Anycubic Water Wash Resin 2.0 Grey offers makers the perfect balance between ease of use and superior print quality, allowing you to create intricate miniatures and display models without the need for harsh solvents. This hydrophilic formula ensures your printed parts can be rinsed clean with plain water, making your workflow safer and more efficient while delivering firm, dimensionally stable results ready for post-curing.

Designed specifically for 365-405 nm MSLA and LCD resin printers, this grey filament provides excellent tensile strength and hardness to ensure your creations stand the test of time. Whether you are a hobbyist or a professional looking to upgrade your printing capabilities, our stock is ready for immediate dispatch so you can start creating today without delay. Order now to experience the convenience of water-washable technology and take your 3D projects to the next level.

Performance tier: Professional

Uses: Miniature printing, display models, detailed prototypes, hobbyist 3D projects, custom parts manufacturing

Overview:

The ANYCUBIC Water Wash Resin 2.0 in Grey (Part Number SSX2GY-10) represents a significant upgrade for makers and professionals seeking high-fidelity prints without the mess of traditional solvents. Engineered with a hydrophilic group-modified formula, this material allows users to rinse printed parts clean using only water, effectively eliminating the need for isopropyl alcohol during the washing stage. Designed specifically for MSLA and LCD resin printers operating within the 365-405 nm wavelength range, it delivers consistent layer adhesion when used in an ambient temperature between 20 and 40 degrees Celsius.

Once the initial water wash is complete, a brief post-curing process at 405 nm for three minutes solidifies the material. This step locks in impressive mechanical properties, including a tensile strength of 38-43 MPa and a surface hardness of 82-85 HD, ensuring that your finished models are firm, durable, and dimensionally stable. The resin boasts a low volume shrinkage rate ranging from 2.2 to 5.5%, which contributes to high accuracy for intricate miniatures and display pieces.

Description:

This product offers a streamlined approach to resin printing by combining ease of use with professional-grade results. Key benefits include the ability to wash prints safely with plain water, saving time and reducing chemical exposure, while maintaining excellent mechanical strength suitable for functional prototypes or detailed hobby models. The grey color provides a neutral base that is ideal for painting or display purposes.

Features:

Key Features:

- Water-washable formula allows cleaning with plain water without harsh solvents
- Compatible with 365-405 nm MSLA and LCD resin printers
- Grey finish optimized for detailed miniatures and display models
- Cured hardness of 82-85 HD with tensile strength up to 43 MPa
- Low volume shrinkage rate ensures dimensionally accurate output
- Rapid post-curing in just 3 minutes at 405 nm UV light
- Post-cured resin can be disposed of as standard plastic waste

Technical Specifications:

The material properties and printing parameters for the SSX2GY-10 are detailed below to assist with printer calibration and environmental setup.

- Colour: Grey (#7E93A7)
- Resin Size: 1kg
- Pre-print preparation: Shake well before use
- Print environment temperature: 20-40 degrees Celsius
- First layer exposure duration: 25-40 seconds
- Normal exposure duration: 2-2.5 seconds
- Material type: Hydrophilic group-modified light-curing resin
- Wavelength compatibility: 365-405 nm
- Viscosity: 190-230 mPa·s at 25 degrees Celsius
- Density: 1.07-1.09 g/cm

- 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

Cleaning and curing parameters are critical for achieving the best results. For water washing, a medium wash of at least 5 minutes is recommended to ensure all uncured resin is removed. If using IPA for a secondary clean or specific printer requirements, use 95% concentration for a minimum of 3 minutes. Post-curing should be performed under UV light with an intensity of 25000-30000 µW/cm² at 405 nm for exactly 3 minutes.

Environmental safety is a priority when handling resin waste. Wastewater from the cleaning process must never be drained directly into sewers to prevent groundwater contamination. Instead, allow the wastewater to sit in a tank until fully cured under sunlight before disposal as solid plastic waste. This ensures responsible recycling and prevents environmental pollution.

What's in the Box

- Anycubic Water Wash Resin 2.0 - Grey (1kg) x1

Specifications:

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Specifications	
Product Code	SSX2GY-10
Colour	Grey (#7E93A7)
Resin Size	1kg
Pre-print preparation	Shake well before use
Print environment	20-40 degreesC
First layer exposure duration	25-40 s
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/cm³
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/cm²
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/cm²
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?
This Anycubic Water Wash Resin 2.0 is designed for MSLA and LCD printers that use UV light sources between 365-405 nm, making it suitable for a wide range of consumer machines.

Do I need to use alcohol to clean prints made with this resin?
No harsh solvents are required; the hydrophilic group-modified formula allows you to rinse printed parts clean using only plain water for at least 5 minutes.

How do I properly cure and dispose of unused resin or wash water?
To fully cure a print, post-cure it for 3 minutes at 405 nm UV intensity; for disposal, never drain wastewater into sewers-instead let the tank sit under sunlight until fully cured before treating it as standard plastic waste.

What are the mechanical properties and best printing conditions?
The resin achieves a tensile strength of 38-43 MPa and hardness of 82-85 HD when printed in an ambient temperature between 20-40 degrees C to ensure consistent layer adhesion.

How much resin is included and how should I prepare it before use?
The package contains 1kg of Grey (#7E93A7) hydrophilic group-modified light-curing resin, which must be shaken well before every use to ensure optimal results.

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/SSX2GY-10-Anycubic-Water-Wash-Resin-2-0-Grey-p-341828.php

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