

## SSX2TG-10

Anycubic Water Wash Resin 2.0 - Translucent Green

### Product Overview

Anycubic Water wash Resin 2.0 - Translucent Green - 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:

The Anycubic Water Wash Resin 2.0 in Translucent Green is your perfect partner for achieving high-detail results on MSLA and LCD printers without the mess of harsh solvents. Designed specifically for makers in South Africa who value efficiency, this hydrophilic resin allows you to rinse printed parts clean with plain water, saving you time and money on cleaning supplies. With a cured hardness of 82-85 HD and excellent tensile strength, it delivers firm, dimensionally stable models ideal for miniatures and display pieces.

Experience reliable performance at ambient temperatures between 20-40degrees C and enjoy the convenience of a quick post-cure process that locks in mechanical properties. Whether you are prototyping or creating intricate designs, this resin ensures consistent layer adhesion and vibrant green transparency. Don't let cleaning complications slow down your workflow; upgrade to water-washable technology today.

Ready to start printing with superior quality and ease Buy now from our online store to get the best deals on premium 3D resin supplies delivered straight to your door in South Africa. Shop now and unlock the full potential of your 3D printer.

**Performance tier:**High Detail & Durability

**Uses:**Miniatures, display models, prototyping, detailed figurines, hobbyist projects

## Overview:

### **Anycubic Water Wash Resin 2.0 Translucent Green Product Overview:**

The ANYCUBIC Water Wash Resin 2.0 in Translucent Green is engineered for MSLA and LCD resin printers, offering a seamless bridge between high-detail printing and eco-friendly cleaning. This hydrophilic group-modified formulation allows users to rinse printed parts clean using only plain water, eliminating the need for harsh solvents like isopropyl alcohol during the washing phase. Designed for ambient temperatures between 20-40degrees C, the resin ensures consistent layer adhesion and reliable results while delivering a translucent green finish ideal for display models and miniatures.

Once washed for at least five minutes, parts require a brief post-cure of three minutes under UV light to lock in their mechanical properties. This process yields finished objects with a tensile strength ranging from 38-43 MPa and a hardness of 82-85 HD, ensuring they are firm, dimensionally stable, and visually appealing. The product carries part number SSX2TG-10 and is available in a convenient 1kg size.

## Description:

This resin delivers professional-grade results without the environmental impact of traditional solvents. Its translucent green color provides excellent contrast for detailed work, while the low volume shrinkage rate ensures that intricate geometries remain accurate from print to final object. The material is fully cured and can be disposed of as standard plastic waste after proper UV treatment, making it a responsible choice for hobbyists and professionals alike.

## Features:

### **Key Performance Highlights**

- Water-washable formula allows rinsing with plain water in five minutes or more without IPA
- Compatible with all MSLA/LCD printers operating at 365-405 nm wavelengths
- Translucent green color perfect for miniatures, display models, and detailed prints
- Cured hardness of 82-85 HD combined with tensile strength of 38-43 MPa
- Low volume shrinkage rate between 2.2% and 5.5% for superior dimensional accuracy
- Rapid post-cure capability in just three minutes at 405 nm UV intensity

## Technical Specifications:

- Material: Hydrophilic group-modified light-curing resin
- Color: Translucent Green (#009A17)
- Resin Size: 1kg bottle
- Viscosity: 190-230 mPa·s at 25degreesC
- 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

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### Product Specification Sheet

- Cleaning Method: Water rinse for at least 5 minutes or IPA wash for 3 minutes

#### Printing and Curing Guidelines

To achieve the best results, shake the bottle well before use to ensure uniform consistency. The optimal print environment temperature ranges from 20-40degrees C, with a recommended printing temperature between 20-50degrees C for stable layer bonding. The first layer typically requires an exposure duration of 25-40 seconds depending on printer settings, while normal layers generally cure in just 2 to 2.5 seconds.

Post-processing is equally straightforward. After washing, place the part under a UV light source with an intensity of 25,000-30,000  $\mu\text{W}/\text{cm}^2$  for three minutes at temperatures between 18-30degrees C. This ensures the resin reaches its full mechanical potential before use.

#### What's in the Box

- Anycubic Water Wash Resin 2.0 - Translucent Green x1 (1kg)

#### Safety and Disposal Information

Proper disposal is critical for environmental safety. Do not drain wastewater directly into sewers to prevent groundwater contamination. Instead, allow the used cleaning water to sit in a tank until fully cured under sunlight. Once solidified, treat the residue as standard plastic waste for recycling.

#### Specifications:

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##### Specifications

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Product Code                  | SSX2TG-10                                     |
| Colour                        | Translucent Green (#009A17)                   |
| 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/cm <sup>3</sup>                   |
| 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                                 |

## ComX Computers

### Product Specification Sheet

|                       |                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------|
| 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 <sup>2</sup>                                                                        |
| 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 <sup>2</sup>                                                                        |
| 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

### Do I need isopropyl alcohol (IPA) to clean prints made with this resin?

No, the Anycubic Water Wash Resin 2.0 Translucent Green features a hydrophilic formulation designed to be rinsed clean with plain water for at least 5 minutes, eliminating the need for harsh solvents during the washing stage.

### Which types of 3D printers are compatible with this resin?

This resin is optimized for MSLA and LCD resin printers that utilize UV light sources within the 365-405 nm wavelength range, making it suitable for a wide variety of consumer-grade machines.

### How do I properly dispose of the used water from washing prints?

You must not drain wastewater into sewers; instead, let the wash water sit in the tank and cure under sunlight until solidified before disposing of it as standard plastic waste to prevent environmental pollution.

### What are the recommended temperature conditions for printing this resin?

For consistent layer adhesion and reliable results, you should print at an ambient temperature between 20-40 degrees C, with a specific print environment range of 20-50 degreesC.

### How long does the post-curing process take to lock in mechanical properties?

After washing, parts require a post-cure for 3 minutes at 405 nm UV light (with an intensity of 25,000-30,000  $\mu\text{W}/\text{cm}^2$ ) to achieve maximum hardness and dimensional stability.

## 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/SSX2TG-10-Ancubic-Water-Wash-Resin-2-0-Translucent-Buy-p-341302.php>**

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