

Standard Rigid Resin Plus

# Exquisite and Strong Within Reach

Cost-effective | High precision | Fast curing | High hardness | Standard color





Cost-effective



High Precision



Low Shrinkage



Short Curing Time



Wide Compatibility



High Strength



High Toughness



Smooth Surface

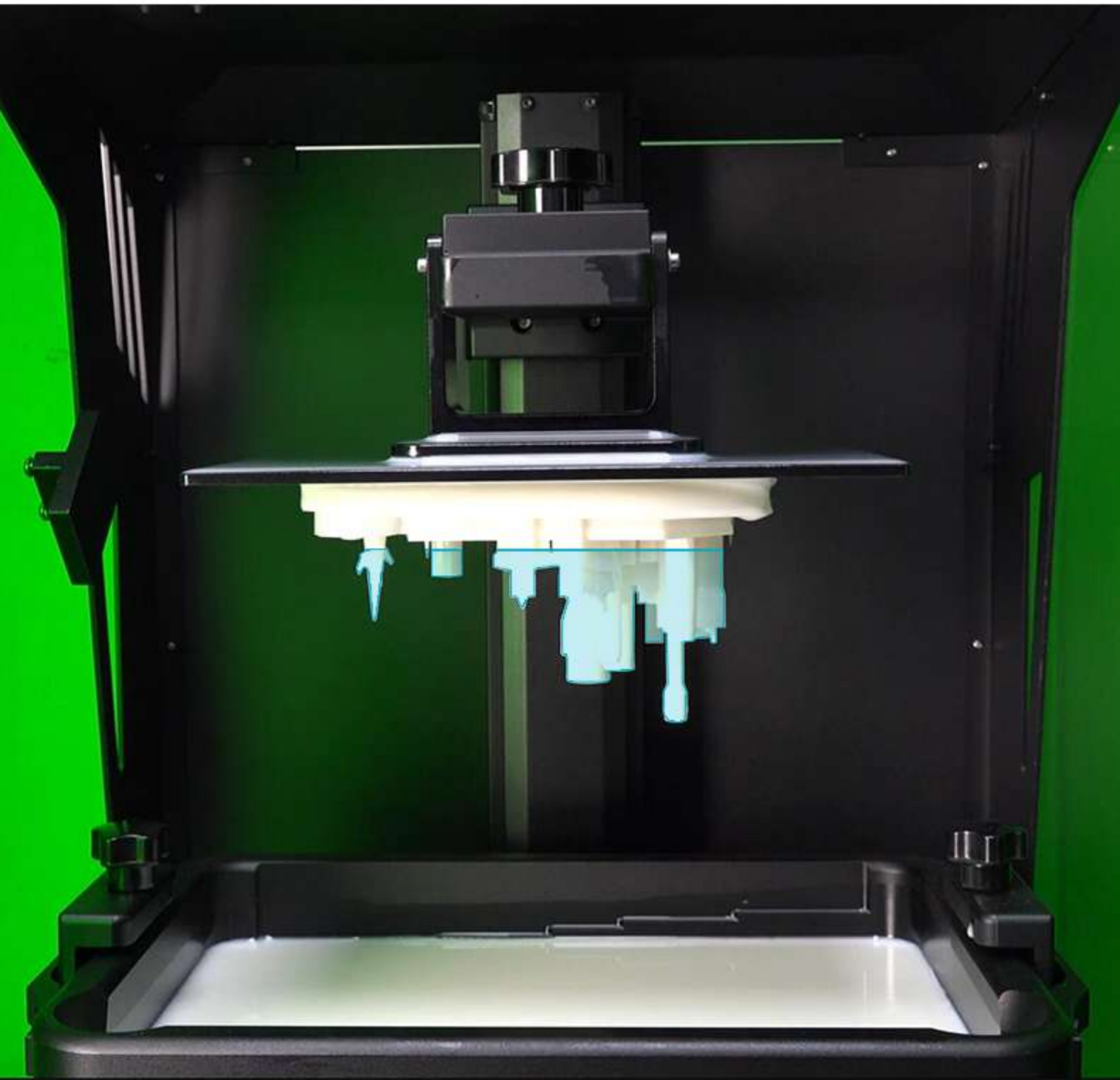
# High Precision Perfect the Details

The formed model is not easy to shrink and with high stability, exquisite and smooth surface texture. Every detail is delicate.



# Fast Curing

Under the condition of ensuring the strength and accuracy of models, Standard Rigid Resin Plus shortens the exposure and curing time and increase the printing speed effectively.



# High Strength and Toughness

Designed special for LCD models, Low shrinkage rate, Higher molding rate.

Standard Rigid Resin Plus

Bending strength

**90–95 Mpa**

Tensile strength

**60–68 Mpa**

Traditional Rigid Resin

Bending strength

**34 Mpa**

Tensile strength

**26 Mpa**

VS



# High Printing Success Rate

Designed special for LCD models, Low shrinkage rate, Higher molding rate.



# Application



Cartoon resin kit



Craft decoration



Education and teaching



Artistic creation



Scientific research experiment



Architectural model

Smooth and Delicate  
Exquisite and Brilliant







## Note

1. Shake 1–2 Minutes Before Use.
2. Please wear Gloves and Mask to use it.
3. Wash with soap & water immediately if resin contact with skin.
4. Indoor Storage in a dry ventilated place.



# TSCA



# Package Display



PS: The package is for reference only. There may be differences in different batches. Please refer to the actual product.

# Basic Parameters

Product name: Standard Rigid Resin Plus      Applicable wavelength: 405nm

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Packing size: 110x110x290mm      Gross weight: 1.35kg

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Printing Speed: 1–4 s/layer (Black and White screen) 7–15 s/layer (Color screen)

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Application: LCD light curing 3D printer

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# Capability Parameters

Density: 1.14g/cm<sup>3</sup>      Molding surface hardness: 85–90D

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Tensile strength: 60–68Mpa      Viscosity: 300–400cps

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Bending strength: 90–95Mpa      Molding shrinkage: 3.5%–4.2%

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Heat deflection temperature: 85°C      Elongation at break: 9–12%

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Impact strength, notched Izod: 23J/m

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# Recommended Parameters

Printer	Layer Thickness	Bottom layer Exposure Time	Other Layers Exposure Time	Lift Speed	Retract Speed
Creality Halot-Sky	0.05 mm	60 s	2.8 s	7 mm/s	7 mm/s
Creality Halot-One	0.05 mm	70 s	3.2 s	7 mm/s	7 mm/s
Creality LD-002H	0.05 mm	15 s	2.4 s	60 mm/min	150 mm/min
Creality LD-006	0.05 mm	30 s	2.5 s	60 mm/min	150 mm/min
Anycubic Mono SE	0.05 mm	20 s	2.7 s	60 mm/min	150 mm/min
Anycubic Mono	0.05 mm	20 s	2.8 s	60 mm/min	150 mm/min
Anycubic Photon OG	0.05 mm	70 s	15 s	60 mm/min	150 mm/min
Elegoo Mars	0.05 mm	60 s	15 s	60 mm/min	150 mm/min
Phrozen Shuffle XL	0.05 mm	70 s	16 s	60 mm/min	150 mm/min
Wanhao D7	0.05 mm	60 s	16 s	60 mm/min	150 mm/min
Phrozen Sonic Mini	0.05 mm	25 s	3.4 s	60 mm/min	150 mm/min