

Standard Rigid Resin Plus

Exquisite and Strong Within Reach

Low Odor | High precision | Fast curing | High hardness | Standard color



Standard Rigid Resin Plus





Low Odor



High Precision



Low Shrinkage



Short Curing Time



Wide Compatibility



High Strength



High Toughness



Smooth Surface

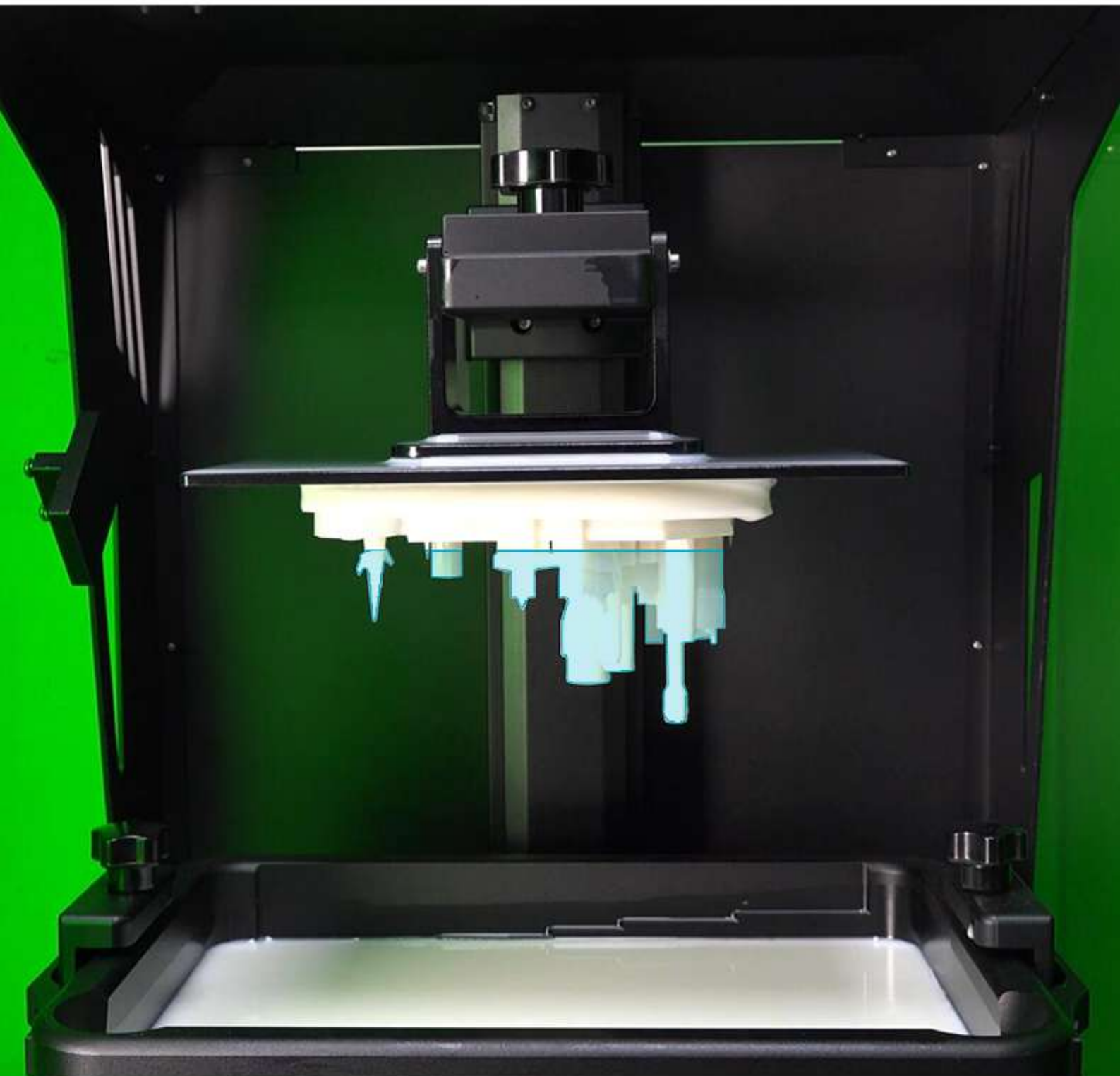
High Precision Perfect the Details

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

Packing size: 110x110x290mm Gross weight: 1.35kg

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

Application: LCD light curing 3D printer

Capability Parameters

Density: 1.14g/cm³ Molding surface hardness: 85–90D

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

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

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

Impact strength, notched Izod: 23J/m

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