

LCD/DLP 3D Printing High Transparency Resin

PC-Clear

Application field:

anime figure, transparent prototype, visible utensil, crafts, etc.





high cost
performance



low odor



smooth
surface



short
curing time



good
liquidity



high
accuracy



wide
compatibility



high
transparency



Low yellowing

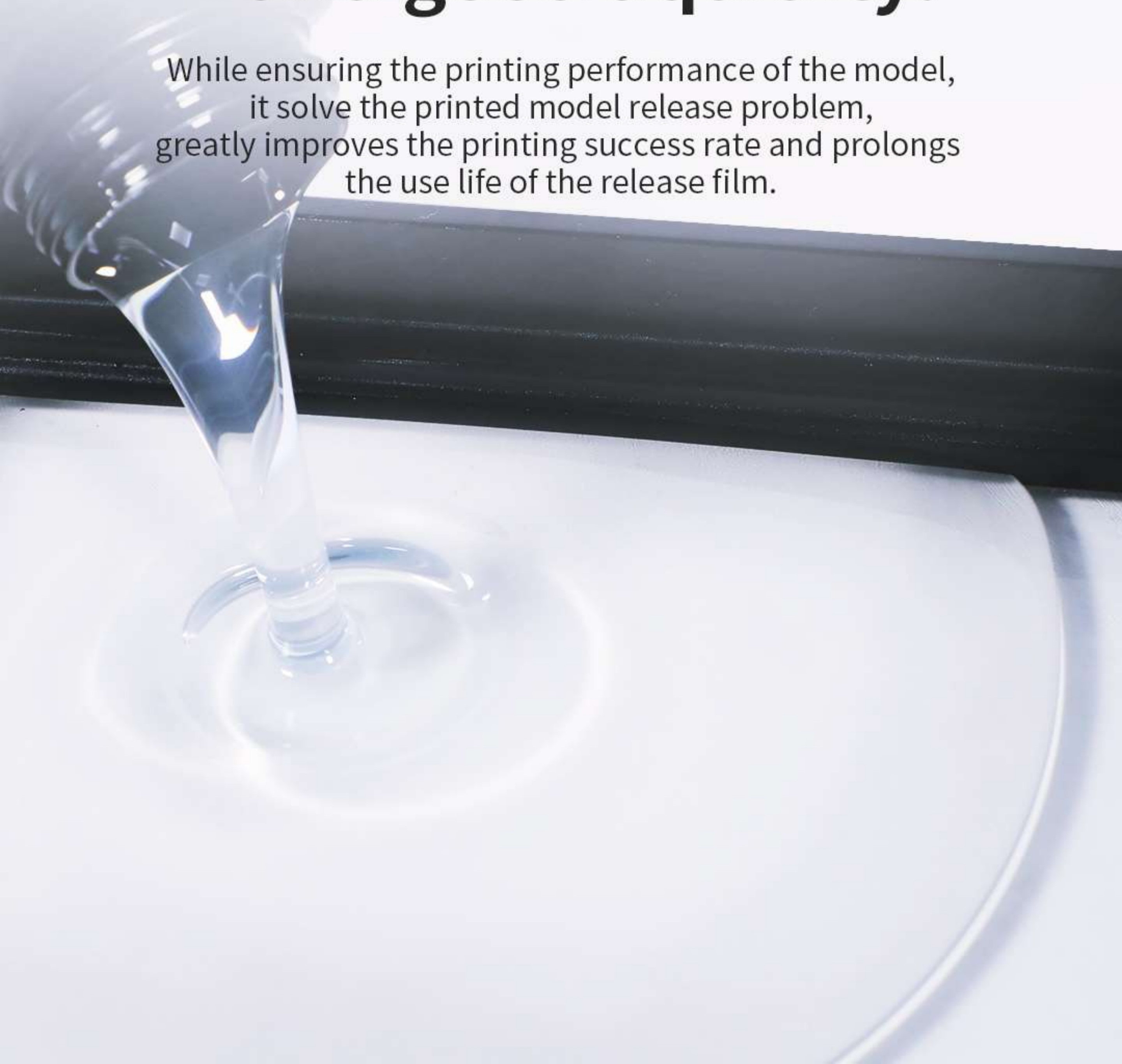
High transparency

High transparency resin can print delicate and translucent model with high transparency, good toughness, difficult to fracture, good tensile strength and extensibility and low shrinkage.



Low viscosity, and good liquidity.

While ensuring the printing performance of the model,
it solve the printed model release problem,
greatly improves the printing success rate and prolongs
the use life of the release film.



High printing accuracy

High accuracy, no fear of zooming in.
The model has fine texture,
smooth surface and clear details presenting.



Packing result display

Note: The packing is for reference only, there may be some differences in different batch, please only based on the standard of the product.



Rich colors Can be customized

There are always one suitable for you
in a variety of color options.



White



skin color



yellow



green



black



orange



Red



blue



grey



Transparent
green



red



blue



violet



Transparent

Note: Please only based on the standard of the product.

Model presentation

Anime figure, transparent prototype, visible utensil, crafts, etc.

PIOCREAT



Detail
Display



Anime figure



Craft decoration



Visualizer

Multi-fields and multi-scenarios

WIDELY USED

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Prototype



Living goods

Precautions

Precautions for use and storage solutions

Precautions:

1. This product is for one-time use and cannot be reused.
2. This material should not come into contact with eye, skin or clothing, and should not be tasted or ingested. Only use it in a well-ventilated place. Take attention to the air circulation, and use appropriate protective measure. Wash thoroughly after operation.
3. The product is in liquid state, has slight smell. Please wear mask when using, to avoid inhaling the mist and causing infection.
4. The product should be stored in a closed container. After use, seal the container in time, place it in a dry and ventilated place, and avoid sun exposure.
5. If inhaled accidentally, remove to fresh air. If breathing is difficult, get medical help.
6. In case of skin contact, flush with copious amount of water. If skin irritation or rash occurs: Get medical help
7. In case of contact with eyes, flush with copious amounts of water for at least 20 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.
8. If swallowed accidentally, do not induce vomiting, keep resting and get medical help.
9. Disposal of waste in accordance with local environmental laws and regulations.

Storage:

Please store the product in a dry, ventilated and no corrosive gas place. Do not place under sun or in a humid place.

Shelf life 1 year

Specification

High Transparency Resin

Density	1.05-1.25g/cm ³ (@25°C)
Viscosity	150-350MPa·s
Hardness	75D
Impact strength	54.23 J/m
Tensile strength	18.22 MPa
Tensile modulus	205.36 MPa
Maximum flexural strength	25 MPa
Elastic Deformation	4.23 mm
Modulus of elasticity in flexure	285 MPa
Elongation at yield point	5.87%
Elongation at break	16%
N.W.	500g/1000g
Package size	220x100x100mm/290x110x110mm
