

SQ-740001 3D Printing Hard Resin/Ink

Description

**SQ-740001** can be applied to 3D printing of rigid models.The resin has characteristics with low viscosity, low odor, good transparency, good color addition, fast curing speed and good detail display.The models printed by this resin can achieve good hardness and toughness, scratch resistance, film formation after secondary curing treatment.

Technical data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	150 - 300
UV component (%)	100
Density (g/cm³, 25°C)	1.1±0.1
Acid value (mg KOH/g)	≤2
Shore hardness (25°C, HD)	76 - 83
Tensile strength (25°C, Mpa)	27.1
Elongation at break (25°C,%)	9 - 10
Volume shrinkage (25°C,%)	8
Maximum tensile (25°C,N)	181

Note: The performance of this material may vary due to the placement direction of the 3D printing model, printing light power and other parameter settings, as well as different post-processing processes. The optimal exposure parameters for resin printing are based on the actual printing effect.

Performance

Good molding ability, suitable for LCD 405nm light source  
Fast curing, good dryness  
Good color addition  
Combining hardness and toughness  
Resistant to boiling and water soaking

Applications

3D printing UV ink, 3D printing molding, etc.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature( 25°C) and under ventilation. 20KG/25KG/200KG/barrel

**Tips: SQ-740001 is 3D printing ready product, has low viscosity, low odor, combining hardness and toughness, fast curing, suitable to print hard objects etc.**

Note: Technical data represents typical values only. In view of the differences in formulas, production process, conditions, all the above statements must be adjusted according to the actual situation, our company does not make any promises. Our company reserves the right to reform its products without prior notice of any changes.