SQ-740002 3D Printing Elastic Resin/Ink

Description

SQ-740002 can be applied to 3D printing of elastic models.The resin has characteristics with moderate viscosity, low odor, good transparency, good color addition.The models printed by this resin can achieve good elasticity, softness, resilience and film formation after secondary curing treatment, also it has resistance to compression and bending resistance.

Technical data

Appearance	Transparent liquid
Viscosity (25ºC, CPS)	700 - 1,000
UV component (%)	100
Density (g/cm³, 25ºC)	1.1±0.1
Acid value (mg KOH/g)	≤2
Shore hardness (25ºC, HA)	56 - 62
Tensile strength (25ºC, Mpa)	2.45
Elongation at break (25ºC,%)	31
Volume shrinkage (25ºC,%)	8
Maximum tensile (25ºC,N)	15

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
Good elasticity, softness, resilience

Applications

3D printing UV ink, 3D printing molding, soft coating, 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(25ºC) and under ventilation. 20KG/25KG/200KG/barrel

Tips: SQ-740002 is 3D printing ready product, low viscosity, low odor, good elasticity and resilience.

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.