

Product Manual(TDS)

Urethane acrylate BM 9116

Product introduction

BM 9116 is an ABS-like resin formulated for LCD 3D printing. It features a high printing success rate, excellent printing accuracy, good liquidity, well-balanced hardness-toughness profile, making it widely suitable for UV-cured 3D printed plastic parts, anime toys, and related applications.

Product characteristics

Functional	2	Hardness	83 - 87D
Active Ingredient (%)	100%	Proportion(25°C)	1.08 - 1.15
Appearance (25°C)	Transparent clear liquid	Wavelength(nm)	365 - 405
Viscosity (cps at 25°C)	150 - 300	Exposure Time (s)	2 - 4
Acid Value (mg KOH/g)	≤ 2	Cleaning Method	Alcohol

Applications

- It is used in UV-cured 3D printing ABS-like resin.

Packaging

- In 1 kg plastic bottle.

Storage

- Store in a properly sealed container, away from sunlight and heat;
- At normal room temperature storage conditions, the product storage stability of at least 6 months;
- Low temperature or long-term storage, this product may form a false plastic layer;
- This rheological change can be restored by stirring or slight heating (up to 45°C);

It is especially suggested that the above data and suggestions are based on experimental data, but due to the uselessness of users, we can not provide any guarantee for the integrity and accuracy of the information. We recommend that customers choose our products and adopt them. Determine their applicability before making our recommendations.

