

Product Manual(TDS)

Urethane acrylate BW L501

Product introduction

BW L501 is a monofunctional polyurethane acrylate with low viscosity, high elongation, low odor, especially suitable for UV inkjet, light-curing 3D printing, adhesives, etc. It can provide excellent elongation, flexibility and other characteristics.

Product characteristics

Functional	1	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.11
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	20-50	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤2	Tensile Strength (MPa)	-

- Low shrinkage;
- High elongation at break;
- Low viscosity;

Applications

- It is used in UV 3D printing, UV nail polish and UV inkjet.

Packaging

- In 20 kg plastic drums
- In 200 kg metal drums

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.

