

Product Manual(TDS)

Urethane acrylate BW L506

Product introduction

BW L506 is a difunctional, low-viscosity Polyurethane acrylate featuring excellent toughness, good pigment wettability, and strong yellowing resistance. It is particularly suitable for applications such as UV inkjet, light-curable 3D printing, and UV adhesives. It offers outstanding toughness and excellent color development.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.11
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	50 - 100	Refractive Index(n_d at 25°C)	1.47
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 2	Tensile Strength (MPa)	-

- Good toughness;
- Good color development;
- Fast curing speed;
- Good yellowing resistance;

Applications

- It is used in light-curable 3D printing, UV adhesives, 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 (Maximum temperature 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.

