



Product Manual(TDS)

Urethane acrylate BW L868

Product introduction

BW L868 is an amine-modified polyether acrylate with low energy curing system for LED UV lamps. It has the characteristics of fast curing speed, low viscosity, good stability, good pigment wettability and color spreading. Mainly used in nail polish color adhesive layer, it can improve curing speed and surface dryness for the paint film.

Product characteristics

Functional	3	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.02
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	1000-1600	Refractive Index(nd at 25°C)	1.48
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤1	Tensile Strength (MPa)	-

- Low viscosity;
- Good flexibility;
- Good pigment wettability;
- Fast curing speed;

Applications

- It is used in LED UV nail polish color layer, UV ink.

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.

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