

Product Manual(TDS)

Urethane acrylate BW L862

Product introduction

BW L862 is a polyurethane modified acrylate with low energy curing system for LED UV lamps. It has the characteristics of flexibility, keep balance between toughness and adhesion. Mainly used in nail polish and UV inks, and has good interlayer adhesion and curing speed, as well as excellent color development.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.24
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	17000-25000	Refractive Index(n_d at 25°C)	1.55
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 5	Tensile Strength (MPa)	-

- Excellent gloss retention;
- Good interlayer adhesion;
- Good pigment wettability, no delamination;
- 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.

