

Product Manual(TDS)

Modified Epoxy Acrylate BW L861-5C

Product introduction

BW L861-5C is a modified epoxy acrylate with low energy curing system for LED UV lamps. It has the characteristics of fast curing, toughness and excellent adhesion. Mainly used in the color layer of nail polish and UV inks, and has good interlayer adhesion and curing speed, as well as outstanding pigment display performance.

Product characteristics

Functional	2	Hardness	83D
Active Ingredient (%)	100%	Proportion (25°C)	1.18
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	4500-9500	Refractive Index(nd 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;
- Fast curing speed;

Applications

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

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.

