

Product Manual(TDS)

Urethane acrylate BW L857M

Product introduction

BW L857M is a low-viscosity, modified urethane acrylate designed for low-energy curing LED UV lamp systems. It is HEMA-free and offers excellent adhesion, outstanding pigment wetting, and strong adhesion to various substrates. It is particularly suitable for applications such as UV nail polish primer, UV adhesives, and other related fields.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.06
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	10,000 - 26,000	Refractive Index(n_d at 25°C)	1.46
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 3	Tensile Strength (MPa)	-

- Good leveling and pigment wettability;
- Excellent adhesion to different substrates;
- HEMA-free;

Applications

- It is used in LED UV nail polish primer, UV adhesive.

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.

