

Product Manual(TDS)

Urethane acrylate BW L8577M

Product introduction

BW L8577M is a low-energy LED UV-curable modified urethane acrylate with low viscosity. It features fast curing speed, excellent adhesion, superior pigment wetting, and strong bonding to various substrates. It is primarily used in applications such as UV nail polish rubber base coat, UV adhesives, and related fields.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.07
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	3,500 - 5,500	Refractive Index(nd at 25°C)	1.47
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	10 - 20	Tensile Strength (MPa)	-

- Excellent leveling and pigment wetting;
- Good adhesion to nail;
- HEMA-free;

Applications

- It is used in LED UV nail polish rubber base coat, 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 (up to 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.

