

Product Manual(TDS)

Urethane acrylate BW L846M

Product introduction

BW L846M is an aliphatic polyurethane acrylate without HEMA. It has the characteristics of low shrinkage, good hardness, excellent transparency and fast curing speed. Mainly used in nail polish extension layer, and has good interlayer adhesion. The colloid has appearance characteristics of high transparent and no yellow phase.

Product characteristics

Functional	2	Hardness	82D
Active Ingredient (%)	100%	Proportion (25°C)	1.09
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	6000-12000	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- High hardness;
- Fast curing speed;
- Excellent transparency of film layers;

Applications

- It is used in LED UV nail polish extension layer, light source UV ink, 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.

