

Product Manual(TDS)

Urethane acrylate BW L846

Product introduction

BW L846 is an aliphatic polyurethane acrylate with low energy curing system of LED UV lamp. 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 strong permeability and no yellow phase.

Product characteristics

Functional	2	Hardness	89D
Active Ingredient (%)	100%	Proportion (25°C)	1.10
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	12000-20000	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, 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.

