

Product Manual(TDS)

Urethane acrylate BW L866M

Product introduction

BW L866M is an aliphatic polyurethane acrylate without HEMA. It has the characteristics of fast reactive speed, balance of toughness and adhesion. Mainly used in nail polish color layer, and has good interlayer adhesion, fast curing speed and good performance of color spreading.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.24
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	20,000 - 30,000	Refractive Index(nd at 25°C)	1.56
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 5	Tensile Strength (MPa)	-

- High gloss retention;
- Good interlayer adhesion;
- HEMA free;
- Good pigment wettability;

Applications

- It is used in LED UV nail polish color gel, UV ink.

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.

