

Product Manual(TDS)

Urethane acrylate BW L860

Product introduction

BW L860 is a modified polyurethane acrylate. It has the characteristics of leveling, low yellowing and good flexibility. Mainly used in nail polish color glue layer, UV ink, UV wood, and has good interlayer adhesion and flexibility, made into a colloid can show crystal transparent.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.28
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	38000-56000	Refractive Index(n_d at 25°C)	1.54
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 5	Tensile Strength (MPa)	-

- Low yellowing;
- Good interlayer adhesion;
- Good pigment wettability;
- Good flexibility;

Applications

- It is used in LED UV nail polish color layer, UV ink, UV wood coating.

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.

