

Product Manual(TDS)

Urethane acrylate BW L870

Product introduction

BW L870 is a modified polyurethane acrylate with low energy curing system for LED UV lamps. It has characteristics of low odor, good elongation of drawing, good resilience and excellent pigment wetting ability. It is mainly used in the field of UV nail polish spider gel and so on.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.04
Appearance (25°C)	light yellow transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	2500-3500	Refractive Index(n_d at 25°C)	1.46
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤1	Tensile Strength (MPa)	-

- Low odor
- Excellent tensile elongation of wire drawing
- Good leveling and pigment wetting ability

Applications

- It is used in LED UV nail polish spider gel.

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.

