



Product Manual(TDS)

Urethane acrylate BW L869

Product introduction

BW L869 is an aliphatic polyurethane acrylate with low energy curing system. It has characteristics of good flexibility, fast reactive speed and low heat release. It is mainly used in nail polish color layer, plastic paint, providing good surface drying, pigment wetting ability and flexibility.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.07
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 40°C)	42000-60000	Refractive Index(nd at 25°C)	1.49
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤1	Tensile Strength (MPa)	-

- Low odor;
- Good flexibility;
- Good pigment wetting ability;
- Fast curing speed;

Applications

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

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