



## Product Manual(TDS)

### Urethane acrylate BW L8618

#### Product introduction

**BW L8618** is an aliphatic polyurethane acrylate with a low energy curing system. It has the characteristics of good flexibility, fast curing speed. It is mainly used in nail polish color layer and plastic paints to provide surface drying, pigment wetting ability and flexibility.

#### Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.04
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	45000-65000	Refractive Index(nd at 25°C)	1.48
Color (APHA)	≤60	Elongation At Break (%)	333
Acid Value (mg KOH/g)	≤1	Tensile Strength (MPa)	7.6

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

#### Applications

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

