



## Product Manual(TDS)

### Urethane acrylate BW L855

#### Product introduction

**BW L855** is a modified polyurethane acrylate. It has fast curing speed, excellent elasticity and elongation, excellent leveling and ink wettability, and shows good adhesion to different substrates. Mainly used in UV nail polish rubber base layer, adhesives, printing varnish and other fields.

#### Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.05
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 40°C)	10000-20000	Refractive Index( $n_d$ at 25°C)	1.47
Color (APHA)	$\leq 60$	Elongation At Break (%)	-
Acid Value (mg KOH/g)	$\leq 2$	Tensile Strength (MPa)	-

- Good gloss retention;
- Excellent elasticity and elongation;
- Good adhesion to different substrates;
- Fast curing speed;

#### Applications

- It is used in ED UV nail polish rubber base layer, UV adhesive, UV printing varnish.

#### 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 (up to 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.**

