

## Product Manual(TDS)

### Urethane acrylate BW 250A

#### Product introduction

**BW 250A** is a low-viscosity aliphatic polyurethane acrylate with fast curing speed, good leveling and fullness, good resistance to boiling and yellowing, excellent adhesion to coatings, and widely used in large area high-level electroplating primer and high-level UV varnish.

#### Product characteristics

|                         |                          |                              |      |
|-------------------------|--------------------------|------------------------------|------|
| Functional              | 2                        | Hardness                     | -    |
| Active Ingredient (%)   | 100%                     | Proportion (25°C)            | 1.15 |
| Appearance(25°C)        | Transparent clear liquid | Shrinkage(%)                 | -    |
| Viscosity (cps at 25°C) | 15,000 - 30,000          | Refractive Index(nd at 25°C) | 1.48 |
| Color (APHA)            | ≤ 60                     | Elongation At Break (%)      | 21   |
| Acid Value (mg KOH/g)   | ≤ 1                      | Tensile Strength (MPa)       | 3    |

- Fast curing speed;
- Good boiling water and yellowing resistance;
- High leveling and fullness;
- Low viscosity;

#### Applications

- It is applied to large area high-level electroplating primer and high-leveling UV 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.**

