

## Product Manual(TDS)

### Urethane acrylate BW 108T

#### Product introduction

**BW 108T** is a cost-effective difunctional polyurethane acrylate with high molecular weight. It is particularly suitable for vacuum plating primers, resilient parquet paints and UV nail polish. It provides excellent flexibility and low shrinkage for film, good interlayer adhesion to both substrates and plating layers.

#### Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.13
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	55000-75000	Refractive Index( $n_d$ at 25°C)	1.48
Color (APHA)	$\leq 60$	Elongation At Break (%)	-
Acid Value (mg KOH/g)	$\leq 1$	Tensile Strength (MPa)	-

- Good flexibility;
- Good plating properties;
- Resistant to solvent dilution;
- Excellent adhesion to substrates and plating layers;

#### Applications

- It is used in vacuum plating primer, UV plastic spraying, UV furniture and parquet coating, UV nail polish.

#### 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.**

