

Product Manual(TDS)

Urethane acrylate BW 8677

Product introduction

BW 8677 is a solvent-based modified polyurethane acrylate. It has the characteristics of good adhesion, excellent pigment wettability and good chemical resistance. It is mainly used in the middle and top coat of vacuum electroplating and disposable UV color paint, and still shows good interlayer adhesion and wettability after adding color essence.

Product characteristics

Functional	3.2	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.06
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	1,500 - 2,500	Refractive Index(nd at 25°C)	1.48
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	7.5 - 9.5	Tensile Strength (MPa)	-

- Good chemical resistance;
- Excellent toughness;
- Adhesion remains stable after adding color;
- Excellent pigment wettability and color development;

Applications

- It is used in vacuum plating of cell phones and cosmetics for medium and top coating as well as disposable UV colors paints.

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.

