



Product Manual(TDS)

Urethane acrylate BW 8674-3

Product introduction

BW 8674-3 is a solvent-based aliphatic polyurethane acrylate. It is characterized by good toughness and good adhesion. It is mainly used in vacuum electroplating top coat, silver powder primer and plastic UV varnish, and still shows good adhesion after adding color essence and no color spreading.

Product characteristics

Functional	3.2	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.08
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	4000-5000	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	2.0-4.0	Tensile Strength (MPa)	-

- Good toughness;
- Good adhesion;
- Good additive color;

Applications

- It is used in cell phone and cosmetic vacuum plating top coating as well as silver powder primer, plastic UV varnish and plastic UV color paint.

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.

