

Product Manual(TDS)

Urethane acrylate BW 8676

Product introduction

BW 8676 is a solvent-based modified polyurethane acrylate; it has the characteristics of good interlayer adhesion, excellent pigment wettability, good chemical resistance, etc.; it is especially suitable for vacuum plating medium and top coat, as well as disposable UV color paints, and it 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)	2,000 - 2,800	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)	-

- Excellent toughness;
- Good pigment wettability;
- Good chemical resistance;
- Excellent adhesion after adding color;

Applications

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

