

Product Manual(TDS)

Urethane acrylate BW 8672

Product introduction

BW 8672 is a solvent-based modified polyurethane acrylate. It is characterized by good interlayer adhesion, excellent pigment wetting and good chemical resistance. It is especially suitable for vacuum plating intermediate and top coatings, as well as one-time UV color coatings, and still shows good interlayer adhesion and wettability after adding color essence.

Product characteristics

Functional	3.4	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	-
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	-	Refractive Index(nd at 25°C)	-
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	-	Tensile Strength (MPa)	-

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

Applications

- It is used in vacuum-plated intermediate and top coating for cell phones and cosmetics (e.g., aluminum-indium plating, hydroplating, stainless steel, etc.), as well as one-off UV color coats.

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.

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