

Product Manual(TDS)

Urethane acrylate BW 8072

Product introduction

BW 8072 is a solvent-based aliphatic polyurethane acrylate with good adhesion, good leveling, excellent resistance to yellowing and alkali. It is mainly used in cell phone and cosmetic package vacuum plating top coat and medium coat, silver powder primer and plastic UV varnish, and after adding color essence, it still shows good adhesion and alkali resistance, as well as solving the defects of color blurring.

Product characteristics

Functional	3.7	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.08
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	3000-4000	Refractive Index(nd at 25°C)	1.49
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	3.5-5.5	Tensile Strength (MPa)	-

- Good leveling;
- Excellent adhesion;
- Good color addition and color spreading;
- Excellent abrasion and alkali resistance;

Applications

- It is used in cell phone and cosmetic package vacuum plating top and medium coating, silver powder primer, UV plastic varnish, UV plastic colored 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.

