

Product Manual(TDS)

Urethane acrylate BW 8074

Product introduction

BW 8074 is a solvent-based aliphatic polyurethane acrylate. It has the characteristics of good adhesion, good leveling and no benzene. It is mainly used in cell phone and cosmetic vacuum plating topcoat and medium paint, silver powder primer and plastic UV varnish, and after adding color essence, it still shows good adhesion and color spreading, and can solve the defect of color dispersing.

Product characteristics

Functional	3.8	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.04
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	1,600 - 2,600	Refractive Index(nd at 25°C)	1.46
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	6.0 - 8.0	Tensile Strength (MPa)	-

- Good leveling;
- Excellent adhesion;
- Excellent abrasion resistance;

Applications

- It is used in cell phone and cosmetic vacuum plating top and medium coating, 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.

