

Product Manual(TDS)

Urethane acrylate BW 8070

Product introduction

BW 8070 a solvent-based aliphatic polyurethane acrylate. It has the characteristics of excellent foil stamping, good additive color, good metal adhesion, etc. It is mainly used in cosmetic package vacuum plating top coat and plastic UV varnish, shows good interlayer adhesion 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)	1,300 - 2,200	Refractive Index(n_d at 25°C)	1.48
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	6.0 - 8.0	Tensile Strength (MPa)	-

- Good coloring;
- Good resistance to boiling;
- Good adhesion to aluminum;
- Excellent bronzing on film surface;

Applications

- It is used in vacuum-plated topcoats for cosmetics primer and 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.

