

Product Manual(TDS)

Urethane acrylate BW 80717

Product introduction

BW 80717 is a solvent-based aliphatic polyurethane acrylate. It is characterized by excellent foil stamping on the surface of the paint film, good leveling and metal adhesion. It is mainly used in cosmetic vacuum plating top coat, silver powder primer and plastic UV varnish, shows good interlayer adhesion after adding color essence.

Product characteristics

Functional	3.2	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.04
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	1,500 - 2,500	Refractive Index(n_d at 25°C)	1.48
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	6.5 - 8.5	Tensile Strength (MPa)	-

- Good leveling;
- Good resistance to boiling;
- Good adhesion to aluminum substrate;
- Excellent foil stamping on the surface of paint film;

Applications

- It is used in Vacuum-plated top coating for cosmetics package as well as silver powder primer, UV plastic varnish, UV plastic 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.

