

Product Manual(TDS)

Urethane acrylate BW 8529B

Product introduction

BW 8529B is an aliphatic polyurethane acrylate with fast curing speed, good resistance to boiling water and heat, good adhesion between fiberglass substrate and PU layer, good weathering and yellowing resistance, good interlayer adhesion, etc.; it is widely used in 3D laser engraving or vacuum plating primer and mid coating on the surface of fiberglass substrate.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.06
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	4,500 - 6,500	Refractive Index(n_d at 25°C)	1.48
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 2	Tensile Strength (MPa)	-

- Good adhesion between plating and PU layer;
- Good resistance to boiling water and heat;
- High leveling and fullness;
- Fast curing speed;

Applications

- It is used in 3D laser engraving or vacuum plating primer and mid coatings on fiberglass substrates.

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 (Maximum temperature 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.

