

Product Manual(TDS)

Urethane acrylate BW 8532B

Product introduction

BW 8532B is an aliphatic polyurethane acrylate with fast curing speed, good resistance to boiling and heat, good adhesion to fiberglass substrate, good weathering and yellowing resistance, good interlayer adhesion and other characteristics. It is widely used in 3D laser engraving or glass fiber substrate surface vacuum plating primer, medium coating.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.05
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	4,000 - 7,000	Refractive Index(nd at 25°C)	1.48
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 2	Tensile Strength (MPa)	-

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

Applications

- It is used in 3D laser engraving or vacuum plating primer and intermediate 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 (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.

