

Product Manual(TDS)

Urethane acrylate BW 8527B

Product introduction

BW 8527B is a two-functional aliphatic polyurethane acrylate. It is characterized by fast curing speed, low shrinkage, water resistance and heat resistance, etc. It is especially suitable for plastic UV coatings, vacuum plating, 3C cases coatings and UV adhesives, etc., it can provide good chemical resistance and weatherability for the coating film.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.12
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 40°C)	40,000 - 60,000	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	10
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	56

- Good toughness;
- Good resistance to boiling water;
- Good chemical resistance;
- Fast curing speed;

Applications

- It is used in vacuum plating, UV plastic spraying and UV adhesives.

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.

