

Product Manual(TDS)

Urethane acrylate BW 8533B

Product introduction

BW 8533B is a two-functional aliphatic polyurethane acrylate with good adhesion to PC substrates, fast curing speed, excellent resistance to boiling water and heat. It is especially suitable for plastic UV coatings, membrane materials and UV adhesives, etc. It can provide good surface drying and toughness for the coating film, and has a certain degree of tensile and resilience.

Product characteristics

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

- Excellent surface dryness;
- Excellent heat resistance;
- Excellent toughness;
- Excellent weathering resistance;

Applications

- It is used in UV vacuum plating primers, UV 3C coatings, UV transfer adhesives and UV adhesives.
- It provides good toughness, ductility and chemical resistance for membrane materials.

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.

