

Product Manual(TDS)

Urethane acrylate BW 8525B

Product introduction

BW 8525B is a difunctional aliphatic polyurethane acrylate with good adhesion to PC substrates, good resistance to boiling water and heat. It also offers good chemical resistance and good weatherability, making it particularly suitable for applications such as UV plastic coatings, vacuum plating, cabinet coatings, and UV adhesives.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.14
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	2,500 - 4,500	Refractive Index(n_d at 25°C)	1.48
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

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

Applications

- It is used in UV vacuum plating primers, UV 3C coatings, UV transfer adhesives, and more.

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.

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抖音号



视频号



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