

Product Manual(TDS)

Urethane acrylate BW 8210E

Product introduction

BW 8210E is an isocyanate-containing aliphatic polyurethane double curing acrylate. It can be UV cured and moisture cured, and has the characteristics of good adhesion, good leveling, excellent chemical resistance and weather resistance. It is mainly used for the protective coating of PCB circuit boards, and provides good adhesion, high and low temperature resistance, and excellent weather resistance.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.12
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	10,000-30,000	Refractive Index(nd at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	9 - 11	Tensile Strength (MPa)	-

- Good adhesion;
- Excellent chemical and weather resistance;
- UV and moisture curing available;

Applications

- It is used in PCB circuit board three-proof adhesive.

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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