

Product Manual(TDS)

Urethane acrylate BW 8005A

Product introduction

BW 8005A is a low viscosity three-functional aliphatic polyurethane acrylate. It has good leveling, good flexibility, better meaty feel and stain resistance after film pressing. It is suitable for 3C coatings, film materials and UV inks, providing a better feel to the paint film.

Product characteristics

Functional	3	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.10
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	100-300	Refractive Index(nd at 25°C)	1.47
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤1	Tensile Strength (MPa)	-

- Fast curing speed;
- Excellent flexibility;
- Excellent leveling;
- Good hand-feeling

Applications

- It is used in 3C coatings for cell phones, UV coatings for automotive interiors, hand elastic coatings, etc.

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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