

Product Manual(TDS)

Urethane acrylate BW 8523B

Product introduction

BW 8523B is a polycarbonate-type aliphatic polyurethane acrylate with low shrinkage, fast curing speed, good resistance to boiling water and heat, especial suitable for plastic UV coating, vacuum plating, shells coating and UV adhesion, it provides good chemical resistance and weathering resistance to the film-forming coating.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.08
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	7,000 - 19,000	Refractive Index(n_d at 25°C)	1.47
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

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

Applications

- It is used in UV vacuum plating primer, UV coating on cell phone keys and shells.

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.

