

Product Manual(TDS)

Urethane acrylate BW 8520B-X

Product introduction

BW 8520B-X is an aliphatic polyurethane acrylate. It has the characteristics of low shrinkage, good resistance to boiling water and heat, it is particularly suitable for vacuum plating, plastic UV coating, UV 3C cases coating and UV ink, providing good weathering and chemical resistance to the coating after film formation.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.08
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	20,000 - 35,000	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 weathering and yellowing resistance;
- Fast curing speed;

Applications

- It is used in UV vacuum plating primer, UV 3C cases and keyboard coating.

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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