

Product Manual(TDS)

Urethane acrylate BW 8044

Product introduction

BW 8044 is a tetrafunctional polyurethane acrylate. It has the characteristics of low viscosity, fast curing, no corroding, good resistance to boiling, etc. It is especially suitable for UV film coatings, UV 3C coatings, furniture coatings, etc. It can provide good abrasion resistance, toughness and other properties of the paint film.

Product characteristics

Functional	4	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.15
Appearance(25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	2,500 - 5,000	Refractive Index(n_d at 25°C)	1.51
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Excellent toughness;
- No lifting in silver bottom;
- Fast curing speed;
- Excellent abrasion resistance;

Applications

- It is used in vacuum plating, UV spraying of plastics, UV lacquers for furniture and parquet, UV fiber optic, UV inks, 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.

