

Product Manual(TDS)

Urethane acrylate BW 8040

Product introduction

BW 8040 is a highly 4-functional polyurethane acrylate resin. It has the characteristics of low viscosity, fast curing speed, excellent adhesion, etc. It is especially suitable for UV excimer coating, UV lacquers for furniture and wooden floor, plastic substrate switch panel, etc. It provides good performance such as adhesion to paint film and surface dry.

Product characteristics

Functional	4	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.08
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	200-400	Refractive Index(nd at 25°C)	1.50
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤1	Tensile Strength (MPa)	-

- Low viscosity;
- Fast curing speed;
- Excellent adhesion;

Applications

- It is used in excimer coating, UV lacquers for furniture and wooden floor, plastic substrate switch panel, 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 (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.

