

Product Manual(TDS)

Urethane acrylate BW 8047

Product introduction

BW 8047 is a highly 4-functional polyurethane acrylate resin. It has the characteristics of low viscosity, good weather resistance, fast curing speed etc. It is especially suitable for UV excimer coating, UV lacquers for furniture etc. It provide excellent adhesive and matt effect to paint film.

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)	100 - 300	Refractive Index(nd at 25°C)	1.49
Color (APHA)	≤ 150	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 2	Tensile Strength (MPa)	-

- Fast curing speed;
- Low viscosity;
- Excellent weather resistance;

Applications

- It is used in UV excimer coating, UV lacquers for furniture and wooden floor, paper 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.

