

Product Manual(TDS)

Urethane acrylate BW 8045

Product introduction

BW 8045 is a tetrafunctional polyurethane acrylate characterized by low viscosity, fast curing speed, and excellent adhesion. It is especially suitable for UV excimer coatings, UV varnishes for furniture, and other related applications. It offers good adhesion and surface dryness to coating films.

Product characteristics

Functional	3	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.08
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	50 - 120	Refractive Index(nd at 25°C)	1.49
Color (APHA)	-	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

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

Applications

- It is used in UV excimer coatings and UV varnishes for furniture, parquet floors, and other related applications.

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.

