

Product Manual(TDS)

Urethane acrylate BW 8092

Product introduction

BW 8092 is a cost-effective nine-functional polyurethane acrylate. It is particularly suitable for UV-hardening coatings, plastic paints, furniture and parquet paints and inks; it provides high scratch resistance, excellent toughness and abrasion resistance to the film.

Product characteristics

Functional	9	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.19
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	7,000 - 15,000	Refractive Index(nd at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Excellent toughness and hardness;
- Fast curing speed;
- Excellent abrasion resistance;

Applications

- It is used in vacuum plating, UV coating of plastics, UV-hardening coatings, UV lacquers for furniture and parquet, 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.

