

Product Manual(TDS)

Urethane acrylate BW 8099A

Product introduction

BW 8099A is an aliphatic polyurethane acrylate with high hardness and abrasion resistance. It is particularly suitable for UV PET film harden coating, UV parquet paint and UV ink, providing excellent steel wool resistance, high scratch resistance, hardness and abrasion resistance for the paint film.

Product characteristics

Functional	15	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.20
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 40°C)	35,000 - 55,000	Refractive Index(nd at 25°C)	1.50
Color (APHA)	≤ 80	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 2	Tensile Strength (MPa)	-

- Good toughness;
- Excellent scratch and abrasion resistance;
- High hardness;
- Excellent resistance to steel wool;

Applications

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

