

Product Manual(TDS)

Urethane acrylate BW 8200

Product introduction

BW 8200 is a silicone modified polyurethane acrylate. It is especially suitable for plastic UV coatings, UV wooden finishes, etc. It can provide good slipperiness, oily pen resistance and anti-graffiti effect for the coating film.

Product characteristics

Functional	6	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.18
Appearance (25°C)	Muddy or clear liquid	Shrinkage(%)	-
Viscosity (cps at 40°C)	18,000 - 35,000	Refractive Index(nd at 25°C)	1.49
Color (APHA)	≤ 120	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Excellent toughness and hardness;
- Fast curing speed;
- Good fullness;
- Excellent stain 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.

