

Product Manual(TDS)

Urethane acrylate BW 8216

Product introduction

BW 8216 is an isocyanate-containing aliphatic polyurethane dual curing acrylate. It can be UV cured and heat cured, and has the characteristics of good adhesion, good leveling and excellent fullness, boiling resistance and weather resistance. It is mainly used in the surface UV coating of automotive interior parts and irregular component, provides good leveling, toughness and excellent weather resistance for the paint film.

Product characteristics

Functional	3	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.13
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	9,000 - 17,000	Refractive Index(nd at 25°C)	1.48
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	2.0 - 5.0	Tensile Strength (MPa)	-

- Good adhesion;
- Excellent boiling resistance;
- Excellent leveling;

Applications

- It is used in the surface UV coating of automotive and mobilephone interior parts and irregular component.
- It is used on PC substrate, with good adhesion to PC substrate.

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 (Maximum temperature 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.

