

Product Manual(TDS)

Urethane acrylate BW 8211

Product introduction

BW 8211 is an aliphatic polyurethane double curing acrylate with hydroxyl groups. It is characterized by good adhesion, good leveling and fullness, excellent chemical resistance and weather resistance. It is mainly used for UV coating of automotive interiors and irregular surfaces. After heating and baking, it can be surface-dried or accelerated to achieve a more complete curing of the film, and provide good hardness, toughness and excellent weather resistance.

Product characteristics

Functional	4	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.14
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	7,000 - 14,000	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Good adhesion;
- Excellent chemical and weather resistance;
- Fast curing speed;

Applications

- It is used in UV coating for cell phones, automotive interiors and irregular surfaces.

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.

