

Product Manual(TDS)

Urethane acrylate BW 8006

Product introduction

BW 8006 is a trifunctional aliphatic polyurethane acrylate with excellent toughness. It is particularly suitable for UV coatings for plastics, vacuum plating, parquet flooring and UV adhesives, providing good vibration abrasion resistance, toughness and anti-cracking characteristics for the coating film.

Product characteristics

Functional	3	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.11
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	16,000 - 30,000	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Fast curing speed;
- Excellent toughness;
- Excellent cracking resistance;
- Good vibration abrasion resistance;

Applications

- It is used in vacuum plating, plastic spraying UV, furniture and parquet UV paint and UV ink.

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.



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