

Product Manual(TDS)

Urethane acrylate BW 200A

Product introduction

BW 200A is a large molecular weight aliphatic polyurethane acrylate. It is particularly suitable for plastic paints (e.g. vacuum plating primers for cosmetics, shoe heels, wine bottle packaging), resilient parquet paints and UV nail varnishes. It provides excellent toughness of the coating film and good interlayer adhesion to both the substrate and the plating layer.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.13
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	20000-40000	Refractive Index(n_d at 25°C)	1.48
Color (APHA)	≤ 60	Elongation At Break (%)	147
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	23

- Good toughness;
- Good resistance to boiling water;
- Good leveling;
- Excellent adhesion to substrate and plating layer;

Applications

- It is used in vacuum plating primers, UV plastic spraying, UV furniture and parquet coating, UV nail polish.

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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