

Product Manual(TDS)

Urethane acrylate BW 3300

Product introduction

BW 3300 is a large molecular weight tough aliphatic polyurethane acrylate. It is especially suitable for plastic paints (e.g. vacuum plating primer for cell phones, cosmetics, shoe heels, wine bottle packaging), resilient parquet flooring paints, etc. It provides excellent toughness, good interlayer adhesion and leveling, as well as resistance to boiling.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.08
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 (%)	92
Acid Value (mg KOH/g)	≤ 2	Tensile Strength (MPa)	11

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

Applications

- It is used in UV transfer adhesive, UV resilient parquet, vacuum plating primer, UV furniture coating and other fields.

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.

