

Product Manual(TDS)

Urethane acrylate BW L433

Product introduction

BW L433 is a two-functional aliphatic polyurethane acrylate; with fast curing speed, good toughness and excellent abrasion resistance, etc., especially suitable for UV nail polish glue, light-curing 3D printing, plastic paints, resilient parquet flooring paint and other fields, providing excellent impact resistance and flexibility.

Product characteristics

Functional	2	Hardness	74D
Active Ingredient (%)	100%	Proportion (25°C)	1.07
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	2.7
Viscosity (cps at 60°C)	42000~60000	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	74
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	14

- High flexibility;
- Fast curing speed;
- Resistant to reverse shock

Applications

- It is used in UV 3D printing, UV nail polish and UV coating.

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.

