

Product Manual(TDS)

Urethane acrylate BW L428

Product introduction

BW L428 is a high-strength polyurethane acrylate featuring fast curing speed, good hardness, good toughness, and excellent tensile strength. It provides good toughness and tensile strength, making it particularly suitable for applications such as UV-cured 3D printing, UV coatings, and UV inks.

Product characteristics

Functional	2	Hardness	85D
Active Ingredient (%)	100%	Proportion (25°C)	1.17
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	5.8
Viscosity (cps at 60°C)	700 - 1,300	Refractive Index(n_d at 25°C)	1.51
Color (APHA)	≤ 60	Elongation At Break (%)	9
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	85

- Fast curing speed;
- Good hardness;
- Low viscosity;
- High strength;

Applications

- It is used in UV-cured 3D printing, UV coatings, and UV inks.

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.

