

Product Manual(TDS)

Urethane acrylate BW L429D

Product introduction

BW L429D is a good toughness polyurethane acrylate with low yellowing, fast reactive speed, high hardness and excellent toughness. It is widely used in 3D printing, UV varnish, UV ink, providing good toughness and hardness.

Product characteristics

Functional	2	Hardness	80D
Active Ingredient (%)	100%	Proportion (25°C)	1.10
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	6.12
Viscosity (cps at 25°C)	20,000 - 30,000	Refractive Index(nd at 25°C)	1.48
Color (APHA)	≤ 60	Elongation At Break (%)	17
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	55

- Low yellowing;
- High hardness;
- Fast curing speed;
- Good toughness.

Applications

- It is used in UV 3D printing, UV varnish 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.

