

Product Manual(TDS)

Urethane Acrylate BW L421

Product introduction

BW L421 is a 3D printing easy-cleaning Polyurethane Acrylate. It has the characteristics of low shrinkage, fast reactive speed, good hardness, easy to clean, etc. It is especially suitable for 3D printing, UV ink, and UV coating.

Product characteristics

Functional	2	Hardness	83D
Active Ingredient (%)	100%	Proportion (25°C)	1.24
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	3.8
Viscosity (cps at 60°C)	3,000 - 6,000	Refractive Index(nd at 25°C)	1.56
Color (APHA)	≤ 60	Elongation At Break (%)	12
Acid Value (mg KOH/g)	≤ 5	Tensile Strength (MPa)	63

- Low shrinkage;
- Easy to clean;
- Fast curing speed;
- Good hardness;

Applications

- It is applied in UV ink, UV coating, and 3D printing.

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 (up to 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.

