

Product Manual(TDS)

Urethane acrylate BW L4105

Product introduction

BW L4105 is a washable Aliphatic Urethane Acrylate with good hardness, good reactive speed, and low viscosity, etc. It is especially suitable for UV 3D printing, UV anti-fog coating, and UV fields. It can provide excellent abrasion resistance and heat resistance.

Product characteristics

Functional	3	Hardness	85D
Active Ingredient (%)	100%	Proportion (25°C)	1.15
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	7.5
Viscosity (cps at 25°C)	100 - 300	Refractive Index(nd at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	38
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	25

- Good abrasion resistance;
- Good toughness;
- Good hardness;
- Fast curing speed;

Applications

- It is used in UV coatings, UV ink, 3D printing, etc.

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.

