

Product Manual(TDS)

Urethane acrylate BW 8071

Product introduction

BW 8071 is a solvent-based aliphatic urethane acrylate featuring good adhesion, excellent color-enhancing properties, strong metal adhesion, and more. It is primarily used in mobile phone and cosmetic vacuum plating applications (aluminum, tin, and indium plating) topcoat over intermediate layers, silver powder primers, and UV plastic varnishes. It demonstrates outstanding adhesion performance, especially after the addition of blue metal complex dye.

Product characteristics

Functional	3.4
Active Ingredient (%)	-
Appearance (25°C)	Clear transparent liquid
Viscosity (cps at 25°C)	4,000 - 6,000
Color (APHA)	≤ 60
Acid Value (mg KOH/g)	-

Hardness	-
Proportion (25°C)	1.08
Shrinkage(%)	-
Refractive Index(nd at 25°C)	1.48
Elongation At Break (%)	-
Tensile Strength (MPa)	-

- Good color-enhancing properties;
- Good resistance to boiling;
- Good adhesion;
- Excellent abrasion resistance;

Applications

- It is used in Vacuum-plated top coat for cosmetics packaging and mobile phone as well as silver powder primers, UV plastic varnishes (PC, PMMA, ABS), UV colored paint.

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.

A 广州市番禺区番禺大道北555号天安节能环保科技园产业大厦1座904

904. NO. 1 Building, Tianan Hi- tech Ecological Park.No.555 panyu road North, Panyu,Guangzhou

T 020- 3107 4363 F 020- 3107 4309 E contact@bawo-chem.com W www.bawo-chem.com Factory : Guangdong · Yingde

无锡公司&研发中心: 江苏无锡市锡山开发区科技创业园

制造基地地址: 广东英德市东华镇高新技术产业园



抖音号



视频号



公众号