



Product Manual(TDS)

Urethane acrylate BW L851

Product introduction

BW L851 is a modified polyurethane acrylate. It has characteristic of fast curing speed, excellent leveling and ink wettability, and different substrates show good adhesion and so on. Mainly used in the UV nail polish common primer, UV adhesive and other fields.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.17
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	28000-48000	Refractive Index(n_d at 25°C)	1.51
Color (APHA)	≤ 70	Elongation At Break (%)	-
Acid Value (mg KOH/g)	9.0-13.0	Tensile Strength (MPa)	-

- Good gloss retention;
- Good leveling and pigment wettability;
- Good adhesion to different substrates;
- Fast curing speed;

Applications

- It is used in UV nail polish common primer, UV adhesive.

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.

