Product Manual(TDS)

Urethane acrylate BW L857

Product introduction

BW L857 is a modified polyurethane acrylate with low viscosity of LED UV lamp low energy curing system. It has fast curing speed, excellent adhesion, excellent pigment wettability and shows excellent adhesion characteristics to different substrates. It is mainly used in the fields of common base layer of UV nail polish and UV adhesive.

Product characteristics

Functional	2	Hardness	-
Active Ingredient（%）	100%	Proportion（25℃）	1.06
Appearance（25℃）	Transparent clear liquid	Shrinkage(%)	-
Viscosity（cps at 25℃）	7000-18000	Refractive Index(n_d at 25℃)	1.47
Color（APHA）	≤60	Elongation At Break（%）	-
Acid Value（mg KOH/g）	≤3	Tensile Strength（MPa）	-

- Good leveling and pigment wettability;
- Excellent adhesion to different substrates;
- Low viscosity;

Applications

- It is used in LED UV nail polish common base layer, 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℃);

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.