Product Manual(TDS)

Urethane acrylate BW L8633

Product introduction

BW L8633 is an aliphatic polyurethane acrylate with LED UV lamp low energy curing system. It has the characteristics of fast curing, charactered with leveling and toughness balance. It is mainly used in the color layer of nail polish, providing color spreading and surface drying, and excellent brush feel.

Product characteristics

Functional	2.5	Hardness	-
Active Ingredient（%）	100%	Proportion（25℃）	1.22
Appearance（25℃）	Transparent clear liquid	Shrinkage(%)	-
Viscosity（cps at 40℃）	25000-38000	Refractive Index(nd at 25℃)	1.54
Color（APHA）	≤60	Elongation At Break（%）	160
Acid Value（mg KOH/g）	≤5	Tensile Strength（MPa）	9.6

- Low odor;
- Excellent gloss retention;
- Good dyeing ability, no delamination;
- Fast curing speed;

Applications

- It is used in LED UV nail polish color layer, UV ink.

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.