

Product Manual(TDS)

Urethane acrylate BW L844

Product introduction

BW L844 is an aliphatic polyurethane acrylate with low yellowing, fast curing speed, good hardness and toughness and etc feature. Mainly used in nail polish extension layer, UV coating and crystal glue, providing high transparent, good hardness and toughness.

Product characteristics

Functional	2	Hardness	82D
Active Ingredient (%)	100%	Proportion (25°C)	1.13
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	10000-19000	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤1	Tensile Strength (MPa)	-

- Fast curing speed;
- Low yellowing;
- Good hardness;
- Good toughness;

Applications

- It is used in LED UV nail polish extend layer, UV coating, crystal glue.

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.



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