

Product Manual(TDS)

Urethane acrylate BW L8404M

Product introduction

BW L8404M is a HEMA free aliphatic polyurethane acrylate. With characteristics of low viscosity, low heat release, good toughness, high transparency, fast curing speed etc. Mainly used in nail polish extension layer, and has good interlayer adhesion and toughness. Its colloid has strong permeability, no yellow phase etc.

Product characteristics

Functional	2	Hardness	81D
Active Ingredient (%)	100%	Proportion (25°C)	1.08
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	4500-6500	Refractive Index(nd at 25°C)	1.48
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤1	Tensile Strength (MPa)	-

- HEMA free;
- Low viscosity;
- Strong permeability;
- Good toughness;

Applications

- It is used in LED UV nail polish extensions layer, 3D printing, UV bonding 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.



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