

Product Manual(TDS)

Urethane acrylate BW 8018

Product introduction

BW 8018 is a trifunctional silicone modified polyurethane acrylate. It has the characteristics of low odor, low viscosity, high slip, good water boiling resistance, etc. It is especially suitable for UV film coating, UV 3C coating, furniture coating, etc. It can provide good slip, toughness and stain resistance for the paint film.

Product characteristics

Functional	3	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.12
Appearance (25°C)	Slightly muddy liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	1000-3000	Refractive Index(nd at 25°C)	1.48
Color (APHA)	-	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Low viscosity;
- Good anti-graffiti effect;
- Good toughness;

Applications

- It is used in UV film coating, 3C UV coating, furniture coating.

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.

