

Product Manual(TDS)

Urethane acrylate BW 8027-2

Product introduction

BW 8027-2 is a silicone modified aliphatic polyurethane acrylate, with the characteristic of excellent performance of steel wool resistance and stain resistance, anti yellowing and alkali resistance, good hardness; It is mainly used in UV rolling coatings, UV film hardening coating, cell phone and computer, laptop vacuum electroplating (aluminum, tin, indium plating) top coating, providing excellent steel wool resistance and stain resistance effect, good scratch resistance, hardness and abrasive resistance.

Product characteristics

Functional	15	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.08
Appearance (25°C)	Muddy liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	800-1500	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	-	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Good leveling;
- Fast curing speed;
- Excellent steel wool resistance and stain resistance;

Applications

- It is used in UV woodware top coat, plastic UV varnish.

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 (up to 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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