

Product Manual(TDS)

Urethane acrylate BW 8098

Product introduction

BW 8098 is an aliphatic polyurethane acrylate with good toughness, hardness and abrasion resistance. It is particularly suitable for UV harden coatings, UV parquet paints and UV inks, providing good resistance to steel wool, high scratch resistance and excellent hardness and abrasion resistance.

Product characteristics

Functional	10	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.18
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	10000-25000	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;
- Good adhesion to horniness PET;
- Good balance between toughness and hardness;
- Excellent resistance to steel wool and vibration wear resistance;

Applications

- It is used in vacuum plating, UV coating of plastics, UV-hardening coatings, UV lacquers for furniture and parquet, UV inks, etc.

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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