

Product Manual(TDS)

Urethane acrylate BW 8094

Product introduction

BW 8094 is an aliphatic polyurethane acrylate with high hardness, toughness and wear resistance. It is especially suitable for UV hardening coating, plastic paint, furniture and parquet floor paint, ink and other fields. It provides high scratch resistance, excellent hardness and wear resistance for paint film.

Product characteristics

Functional	9	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.18
Appearance(25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	7,000 - 15,000	Refractive Index(nd at 25°C)	1.50
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 2	Tensile Strength (MPa)	-

- Good toughness and hardness
- Fast curing speed
- Good fullness;
- Excellent vibration and wear resistance;

Applications

- It is used in vacuum electroplating, plastic spraying, UV hardening coating, UV ink, furniture and parquet floor UV paint and other fields;
- It provides good hardness, scratch resistance and wear resistance;

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.

