



Product Manual(TDS)

Urethane acrylate BW 8290

Product introduction

BW 8290 is an aliphatic polyurethane acrylate with high hardness, toughness and abrasion resistance. It is particularly suitable for vacuum plating, plastic, furniture and parquet lacquers as well as inks, providing excellent hardness, toughness and abrasion resistance as well as good resistance to yellowing for paint film.

Product characteristics

Functional	6	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.19
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 30°C)	18000-32000	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- High hardness and abrasion resistance;
- Good alkali and chemical resistance;
- Good toughness;
- Fast curing speed;

Applications

- It is used in vacuum plating, UV coating of plastics, UV lacquers for furniture and parquet, UV coating, 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 (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.

