

Product Manual(TDS)

Urethane acrylate BW 8297

Product introduction

BW 8297 is an aliphatic 6-functional polyurethane acrylate. It has good adhesion, excellent weathering resistance, good color addition, it is particularly suitable for vacuum plating, plastic paint, furniture and parquet paint, and inks, providing good toughness and abrasion resistance to the film.

Product characteristics

Functional	6	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.19
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	3,000 - 6,000	Refractive Index(nd at 25°C)	1.50
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Good abrasion resistance;
- Good yellowing resistance;
- Good coloring;
- Good adhesion;

Applications

- It is used in UV plastics spraying, UV lacquers for furniture and parquet, 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.

