

Product Manual(TDS)

Urethane acrylate BW 8291A

Product introduction

BW 8291A is a 6-functional polyurethane acrylate with good abrasion resistance. It is particularly suitable for vacuum plating, plastic paints, furniture and parquet paints as well as inks to provide excellent hardness, toughness and abrasion resistance as well as good chemical resistance of the film.

Product characteristics

Functional	6	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.22
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 40°C)	10,000 - 30,000	Refractive Index(nd at 25°C)	1.51
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Good scratch resistance;
- Good 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.

