

Product Manual(TDS)

Polyester Acrylate BW 7316

Product introduction

BW 7316 is a hyperbranched polyester acrylate characterized by low viscosity, rapid curing, excellent wettability, and high leveling. It is particularly suitable for furniture wood coatings, UV inks, and UV paper varnishes, providing the coating with superior flow and fullness.

Product characteristics

Functional	6	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.13
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	800 - 1,300	Refractive Index(nd at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Fast curing speed;
- Good wettability;
- Rapid curing;

Applications

- It is used in UV inkjet ink, UV paper varnish, UV painting of furniture and wooden product.

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.

