

Product Manual(TDS)

Modified Polyester Acrylate BW 7004

Product introduction

BW 7004 is a two-functional modified polyester acrylate. It has the characteristics of good adhesion, high leveling, pigment wettability and good color spreading, etc. It is especially suitable for hard-to-adhere substrates, UV inks and UV nail polishes.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.11
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	4,000 - 9,000	Refractive Index(nd at 25°C)	1.52
Color (APHA)	≤ 120	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 4	Tensile Strength (MPa)	-

- Good adhesion;
- Excellent pigment wettability and color development;
- Good leveling properties;

Applications

- It is used in UV ink and UV nail polish.

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.

