

Product Manual(TDS)

Modified Polyester Acrylate BW 7007

Product introduction

BW 7007 is a three-functional modified polyester acrylate. It has the characteristics of fast curing speed, good adhesion, high fullness, pigment wettability and good color spreading, etc. It is especially suitable for hard-to-adhere substrate similar like glass, PET and ect, UV ink and UV coating.

Product characteristics

Functional	3	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.13
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	2,000 - 3,500	Refractive Index(n_d at 25°C)	1.51
Color (APHA)	≤ 120	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 4	Tensile Strength (MPa)	-

- Good adhesion;
- Excellent pigment wettability and color development;
- Good fullness;

Applications

- It is used in UV ink, UV coating and 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.



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