

Product Manual(TDS)

Modified Epoxy Acrylate BW 6505

Product introduction

BW 6505 is a modified epoxy acrylate. It has the characteristics of good toughness, good pigment wettability, good water resistance, etc. It is widely used in the fields of UV inks, UV wood coatings, UV plastic coatings, etc., and shows good toughness and water resistance.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.20
Appearance (25°C)	Yellow transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	8,000 - 15,000	Refractive Index(nd at 25°C)	1.53
Color (APHA)	≤ 300	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 5	Tensile Strength (MPa)	-

- Fast curing speed;
- Good resistance to boiling;
- Good toughness;
- Excellent pigment wettability and leveling;

Applications

- It is used in UV inks, UV wood coating, UV vacuum plating 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.

