

Product Manual(TDS)

Adhesion promoter BW A55

Product introduction

BW A55 is a low viscosity, high acid value, excellent adhesion phosphate ester adhesion promoter. It is mainly used in UV metal surface coating, UV wood and furniture coating, PCB ink, electronic and other fields, and shows good adhesion promotion. Suggested additive amount: 1-3%.

Product characteristics

Functional	-	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.13
Appearance (25°C)	Yellow transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	180 - 300	Refractive Index(n_d at 25°C)	1.47
Color (APHA)	≤ 300	Elongation At Break (%)	-
Acid Value (mg KOH/g)	170 - 190	Tensile Strength (MPa)	-

- High acid value;
- Medium reaction;
- Extremely strong adhesion to metal;

Applications

- It is used in metal surfaces (vacuum plating, nickel-chromium plating, electrophoretic painting) and PCB inks as well as UV wooden furniture varnish.;

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 (Max 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.

