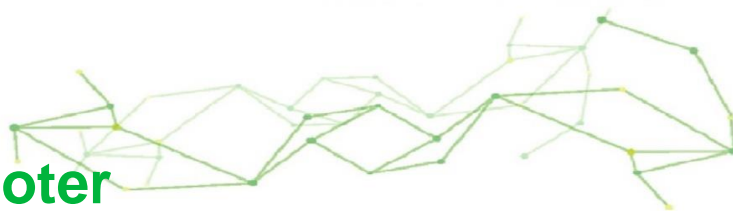




# P-100

## Adhesion Promoter



### Overview

P-100 is an organic polymer-based adhesion promoter primarily suitable for solvent-based and water-soluble baking systems, enhancing adhesion to non-ferrous metal surfaces.

### Physicochemical Properties

<b>Appearance</b>	Transparent pale yellow liquid	<b>Composition</b>	Organic polymer polyester
<b>Active Ingredient</b>	80.0 ± 2.0 %	<b>Solvent</b>	Ethylene glycol diacetate
<b>Density</b>	0.94 g/ml		

### Characteristics and Advantages

Low acid value, low molecular weight polyester, and polycarbonate copolymers utilize acid value and terminal OH groups to rapidly form chemical bonds with metal substrates while crosslinking with resins to enhance adhesion and improve flexibility. The low acid value has minimal impact on the storage stability of baking coatings.

- Does not cause loss of gloss in pigmented coatings or discoloration/blackening of aluminum paste.
- Excellent storage stability for acid-cured baking coatings in summer.
- Universal baking adhesion promoter for water and solvent-based coatings, suitable for difficult-to-adhere metal surfaces such as aluminum alloys, electroplated surfaces, and zinc plates.
- Improves flow and leveling properties.
- Does not discolor under rapid high-temperature baking and does not affect the weather resistance of the coating film.

### Dosage

1-3% of the total volume; for use in water-based systems, it needs to be neutralized with amines first.

### Application

Solvent-based industrial baking coatings

### Precautions & Storage

Store at 0-40 °C in a cool, well-ventilated area. Keep the container tightly sealed and away from heat and sources of ignition.

### Safety

Refer to MSDS

### Packaging

25 KG/Barrel