



# P-102W

## Adhesion promoter



### Overview

P-102W is a waterborne epoxy phosphate adhesion promoter, primarily used in waterborne baking coatings. It enhances adhesion to metals, glass, ceramics, electroplated substrates, and certain plastics such as PBT and nylon.

### Physicochemical Properties

<b>Appearance</b>	Colorless to slightly yellow transparent liquid	<b>Composition</b>	Epoxy phosphate ester
<b>Active Content</b>	68.0 ± 2.0%	<b>Solvent</b>	Water/mixed solvent
<b>pH</b>	0.99 g/ml		

### Properties and Advantages

- Excellent compatibility with resins.
- Enhances adhesion to metals, glass, ceramics, electroplated substrates, and certain plastics like PBT and nylon.
- Significantly improves water resistance, salt spray resistance, solvent resistance, and chemical resistance of coatings
- Enhances hardness, abrasion resistance, and stain resistance to some extent.

Note: Due to its high acid value, it can cause gloss loss and blackening in acid-sensitive pigments and untreated aluminum pastes.

### Dosage

Usage level: 1.0-3.0% by weight

### Application

Suitable for waterborne amino baking coatings and waterborne anticorrosive coatings.

### Precautions & Storage

- Store below 40 °C in a cool, well-ventilated area.
- Keep the container tightly sealed and away from heat and open flames.
- Use as soon as possible after opening; seal tightly if not fully used.

### Safety

Refer to MSDS

### Packaging

25 KG/Barrel