



# COLPREP PICKLE POWDER PB

TECHNICAL DATA  
03-16-2021

1000 Western Drive  
Brunswick, OH 44212  
PHONE: 330-225-3200  
FAX: 330-225-1499  
www.columbiachemical.com

## COLPREP PICKLE POWDER PB

COLPREP PICKLE POWDER PB	is a dry powder acid-salt that replaces mineral acids in plating lines.
COLPREP PICKLE POWDER PB	contains a special combination of surface activators to produce a smut-free surface on steel, leaded steel and leaded brass substrates.
COLPREP PICKLE POWDER PB	assists in scale removal and oxides to promote better adhesion and active surfaces, with or without current.

### OPERATING PARAMETERS

Concentration	2 - 8 oz/gal (15 - 60 g/L)
Temperature	60 - 100° F (16 - 38° C)
Immersion Time	30 seconds - 5 minutes

### EQUIPMENT

Tanks	Lined, satisfactory to 150° F (66° C). High temp. rubber is recommended for temps. over 150° F (66° C). At room temperature, rubber, Polyethylene, PVC or polypropylene are satisfactory.
Heating Coils	Graphite or chemical lead.
Ventilation	Positive ventilation is required when the solution is heated or when current is used. Ducts and blowers must be made of chemically-resistant material.

### ANALYTICAL PROCEDURE

1. Pipette 10 mL sample into 250 mL Erlenmeyer flask.
2. Add 50 mL of DI water.
3. Add 3 - 5 drops of Methyl Orange indicator solution.
4. Titrate with 1.0 N NaOH to a faint yellow endpoint.

Calculation:     mLs 1.0 N NaOH x 2.1 = PICKLE POWDER PB (oz/gal)

## *HANDLING & STORAGE*

Columbia Chemical recommends referring to the specific product Safety Data Sheets for safety, handling, and storage precautions.

## *NON-WARRANTY*

The data contained in this bulletin is believed by Columbia Chemical Corp. to be accurate, true, and complete. Since, however, final methods of use of this product are in the hands of the customer and beyond our control, we cannot guarantee that the customer will obtain the results described in this bulletin, nor can we assume responsibility of the use of this product by the customer in any process which may infringe the patents of third parties.

