

PROCIRC 9620L

Pre-Dip

INTRODUCTION

Procirc 9620L Pre-Dip is designed to maintain the salt concentration of palladium based activators Procirc 9620 and 9622 by preventing excess water drag in.

BENEFITS

- Ready to use liquid eliminates solids handling and difficulties in dissolving.
- Reduces water drag in to activators.

SOLUTION MAKE -UP

Procirc 9620 Part L

Ready to use

OPERATING DATA

S.G.	>1.12
Copper	<1000ppm
Time	30 secs
Temperature	20 - 25°C
Agitation	Work movement.

EQUIPMENT

Tanks	Polypropylene or PVC lined tanks.
Heaters	PTFE.

INSTALLATION

It is essential that the tanks to be used for Procirc 9620L Pre-Dip are thoroughly cleaned and leached before any product is introduced.

If in any doubt as to the cleaning procedure contact PMD Technical Department.

1. Add the Procirc 9620 Part L to the tank.
2. Heat to operating temperature.

MAINTENANCE AND CONTROL

Replace drag out losses with Procirc 9620 Part L

The Pre-Dip should be replaced when 25m²/L panel area has been processed or when copper reaches 1000ppm, whichever is sooner.

ANALYSIS METHODS

Copper

Reagents

0.01M (0.02N) EDTA (Standard Volumetric Solution)
Ammonium chloride / ammonia buffer solution (54g/L ammonium chloride, 350ml/L ammonium hydroxide).
PAR indicator

Method

1. Pipette 10 ml of the plating solution into a 250 ml conical flask.
2. Add 100 ml D.I. water
3. Add 10ml buffer.
4. Add 2-3 drops of PAR indicator and titrate with 0.01M EDTA to a green end point.
5. Record titre = t mls

Calculation

$t \times 63.5 = \text{ppm Copper}$

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products are referred to in this data sheet.

PRODUCT NAME	PRODUCT NUMBER
Procirc 9620 Part L	964004
Procirc 9620 Part P	967020
Procirc 9622 Part P	967022

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