



AUTOMATED CHEMICAL SOLUTIONS

Chemicals and Controllers for PWB Fabrication

Product Overview

IMAGEpro DC-3200

Developer Concentrate

Product Description

DC-3200 is a concentrated developer solution designed for use in photoresist and soldermask developing processes. Formulated using water softening agents, working solutions of DC-3200 can be made using tap water with up to 400 ppm's of dissolved solids without forming significant hardness scale. DC-3200 also contains cleaning compounds that help break up resist residues and prevent build up in the process and control equipment. The Focus Tech developing system combines high quality with ease of use to provide a superior developing system.

FEATURES

- 💡 Sodium carbonate formulation
- 💡 Softening agents
- 💡 Detergent additives

BENEFITS

- 🚰 Minimizes handling
- 💧 Eliminates need for purified water
- ⌚ Extends uptime by slowing scum build-up

Physical Properties

Concentration:	200 g/L as potassium carbonate
Specific gravity:	1.15
pH:	>12
Appearance:	clear, water white
Freezing point:	<40 °F

Operating Parameters

Make Up:	4.0 – 5.0% v/v DC-3200 8 – 10 g/L as potassium carbonate
Replenishment:	4.0 – 5.0% v/v DC-3200 8 – 10 g/L as potassium carbonate
Process pH:	10.4 – 10.8
Temperature:	80 °F – 90 °F

Storage

Store in original containers above 40 °F.

Safety

CAUTION! DC-3200 concentrates and working solutions contain strong alkaline ingredients. Avoid contact with eyes, skin and clothing. Wear chemical handler's gloves, goggles and protective clothing when handling. Read and understand Material Safety Data Sheet before using this product.

Notice

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