

Idealine™ PDEV

Phototooling Developer

DATA SHEET & PROCESSING INFORMATION



Description

PDEV is a high contrast, easy-to-use developer for Idealine phototooling films. It is supplied as a one-part concentrate that is diluted with water for use.

Applications

PDEV is designed for use as a photographic developer for silver halide films used as artwork in all phases of the production of printed wiring boards.

Features / Benefits

- Superior development stability results in lower replenishment rates and consistent processing.
- Low replenishment rates result in lower costs and reduced chemical disposal.
- Extremely high image density to eliminate "burn-through" and ensure optimal image transfer to the resist.
- Cleanroom-compatible packaging to help maintain a cleaner work environment and reduce dirt-related defects.

Packaging

PDEV is supplied in 5 liter (1.32 gal.) plastic bottles. A case contains 4 bottles that make a total of 60 L (15.9 gal.) of working strength developer.



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Mixing Instructions

Add 2 bottles (10 L) of water to each bottle (5 L) of developer concentrate to make a working solution that can be used for filling both the processor tank and the replenishment tank.

Processing Conditions

Optimum processing conditions will vary depending on the film to be processed. Check the Technical Data Sheet for the particular film you are using for recommendations.

Replenishment Rates

The following replenishment rates are recommended for the average user processing film that is 50% black:

Film use: 250 ml/m² (23 cc/ft²)
Oxidation: 2000 ml/day (83 cc/hour)

Caution

This product contains components that may be hazardous. Please read the Material Safety Data Sheet (MSDS) before using it.

For more information, please contact your local representative.

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