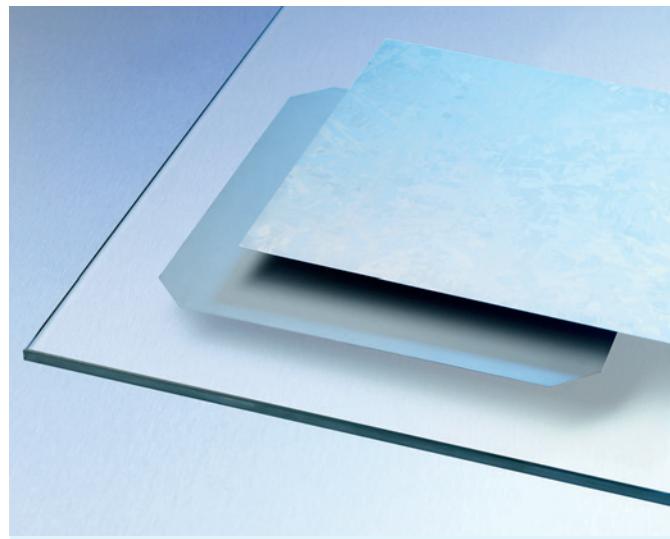


deconex® PV 102

Highly alkaline, non-foaming cleaning concentrate for photovoltaic processes

Suitable for use in horizontal in-line cleaning systems with spray, brush and ultrasonic modules



Application

deconex® PV 102 removes heavy contaminants and residue from photovoltaic substrates such as

- Silicone wafers
- Flat glass

The cleaner does not foam and can be used in

- ultrasonic cleaning systems
- spray systems
- brush systems.

Properties

The cleaning concentrate is highly alkaline and has excellent cleaning power for removing organic and inorganic residues.

The complexing substances and sequestrants in deconex® PV 102 also effectively prevent renewed deposits of released contaminants as well as suspended solids and metal ions on the substrate.

deconex® PV 102 offers excellent rinsability to help guarantee the reliability of downstream processes.

Ingredients

Alkalies, complexing substances, sequestrants, surfactants

Dosage

In practice, the following dosage has given good results:

Dosage in in-line systems	Concentration	Temperature	Exposure time
Brush modules	1-3%	45-60 °C	30-60 s
Spray modules	1-3%	45-60 °C	30-60 s
Ultrasonic modules	1-3%	45-60 °C	30-60 s

Dosage in an ultrasonic bath	Concentration	Temperature	Exposure time
Ultrasonic bath	1-5%	50-70 °C	3-10 min

Material compatibility

Suitable for:
silicon wafers, soda-lime flat glass, borosilicate flat glass, stainless steel, polyethylene, polypropylene, nylon

For materials not mentioned please make your own specific compatibility tests or consult Borer Chemie AG.

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Chemical/physical data

pH	1% solution in demineralized water	approx. 12.0
Density	concentrate	1.42 g/cm ³
Appearance	concentrate	light yellowish

Availability

Please ask your local representative about current container sizes.

Containers, screw caps and labels are made of recyclable polyethylene.

Additional information

For information concerning safety at work, storage and waste disposal/effluent, please consult the corresponding safety data sheet.

Take advantage of our vast know-how! Please, contact us for further information regarding your specific application.

Manufacturer:

Borer Chemie AG

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