

deconex® FPD 122

Mildly alkaline, phosphate-free brush and spray cleaner with excellent material compatibility

Suitable for horizontal brush and spray cleaning in-line systems



Application

deconex FPD 122 is used for cleaning in production of all types of flat panel displays, e.g.

- TN liquid crystal displays
- STN liquid crystal displays
- TFT liquid crystal displays
- plasma display panels (PDP)
- vacuum fluorescence displays (VFD)
- electroluminescence displays (ELD)
- field emission displays (FED)
- organic light emitting diodes (OLED)

deconex FPD 122 is suitable for use in brush and spray cleaning in-line systems of uncoated substrates (soda-lime, borosilicate, quartz) and for substrates coated with ITO, aluminium, chrome, copper, nickel etc.

Dosage

The dosage used depends primarily on the degree of contamination, the cleaning temperature, the transport velocity in the brush module and the speed at which the brushes rotate.

In practice, the following dosage has given good results:

Dosage in in-line systems	Concentration	Temperature	Exposure time
Brush and spray modules	1-5%	45-60 °C	30-60 s

deconex FPD 122 is compatible with hard water and can be dosed at 20 °C temperatures.

Material compatibility

Suitable for:
Soda-lime glass, borosilicate glass, quartz, aluminium, brass, copper, nickel, stainless steel (inox), polyethylene, polypropylene, polyvinylchloride, nylon

Properties

The mildly alkaline, phosphate-free product has a mild cleaning action. It removes various organic and inorganic contaminations.

Even metallic surfaces such as aluminium, chrome, stainless steel (inox), copper, nickel, etc. can be cleaned without problems.

deconex FPD 122 is foam-free above 20 °C and phosphate and NTA-free designed.

Ingredients

Surfactants, complexing substances

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. 9
Density	concentrate	1.09 g/cm ³
Appearance	concentrate	clear, slightly yellowish liquid

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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