

Post-treatment SLOTOCHEM NI 30

Post-Treatment SLOTOCHEM NI 30 improves the solderability of electroless nickel deposits if soft solders with or without lead are used.

Post-Treatment SLOTOCHEM NI 30 is an acidic solution, producing very thin palladium layers with a thickness of approx. $0.002 \ \mu m$, which are not recognizable even by microscope. All other nickel layer features like visual appearance, hardness and abrasion resistance stay unchanged.

With an exposition time of approx. 3 minutes at room temperature the solderability is clearly improved. The positive effect remains constant even after longer period of storage at room temperature or after short-time heat treatment at > 200 $^{\circ}$ C.

The result obtained with Post-Treatment SLOTOCHEM NI 30 depends on the preceding electroless nickel process. Therefore Post-Treatment SLOTOCHEM NI 30 shall only be used in combination with Schlötter nickel processes and is especially recommended in combination with Electroless Nickel SLOTONIP 90.

Information about soldering test results at certain test conditions (type of test, flux, solder temperature, etc.) are provided upon request.

The information in this data sheet is based on laboratory as well as practical experience. Figures quoted for operating limits and replenishment quantities are for guidance. Actual values necessary will depend on the components being plated (material and geometry), their application and plating plant conditions.

Important:

Please read this instruction carefully prior to the use of the process and carefully follow all the parameters that have a direct influence on the operation. We reserve the right to make technical changes. In the interest of safety, please pay attention to the hazard warnings on the labels of the containers. The minimum shelf life of the products is included on the labels and is also available in the appropriate Quality Assurance (QA03).

The current IMDS number of the layer deposited from the process is available on the internet at www.schloetter.com/downloads.

For the storage of chemical products the TRGS 510 must be followed.

If the additives used in this process contain a SVHC-substance, then this will be specified in the corresponding Material Safety Data Sheet, section 15.

BATH **18103-E**



Dr.-Ing. Max Schlötter GmbH & Co. KG Talgraben 30 73312 Geislingen/Steige Germany Page 1 of 4

Tel. +49(0)7331-205-0 Fax +49(0)7331-205-123 info@schloetter.com www.schloetter.com

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