



TECHNICAL SHEET

FLUXAK 1029

Manufacture of batteries using COS process.

Classification according to standard: 29454-1:2016 2.1.2.4

➤ APPLICATION FIELD

A multipurpose flux for the manufacturing of all batteries using COS process. The flux is mainly recommended for brazing Pb/Sb alloys but can be used also for Pb/Ca alloys.

Derivative of Fluxak 1028 without surfactants, suitable for small batteries manufacturing. Pollution of separators is avoided thanks to its weak wettability on lugs.

No salt residues after brazing stage, therefore neither self-discharge nor corrosion phenomena. No pollution on welding and tinning bath.

➤ CHARACTERISTICS, CHEMICOPHYSICAL PROPERTIES

- Organic flux with halogen in aqueous solution
- Liquid colourless to light yellow
- pH <1
- density (20°C) = 1.24-1.26

- Its strong acidity gives a good pickling power.
- Does not contain surfactants which guarantees a weak wettability and capillarity power.

Application temperature: 350°- 500°C

➤ DIRECTION FOR USE

It must be used pure.

It can be applied by dipping or by impregnation: on both cases, impregnation height will not exceed 1 to 2 mm.

➤ PACKAGING

Plastic drum of 5kg and 35 kg

Our products are supplied on pallets.

Sample available on demand.



stts
Brazing solutions

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ISO 9001
ISO 14001
BUREAU VERITAS
Certification



➤ MISCELLANEOUS

All active materials are in compliance with REACH.

Refer to MSDS (Health and Safety data sheet) – available on demand: commercial@stts-flux.com

Note: The contents of this data sheet result from our knowledge and experience of the product. It is given as an indication but does not engage our responsibility for each particular case.