

ELSOLD Flux 878

General Description

ELSOLD Flux 878 is special flux with a low solid content of 17%, ready for use, for general applications in electrical industry, when the activity of fluxes of type 1131 (DIN EN ISO 9454-1) proves insufficient.

Classification

ELSOLD Flux 878 is classified per DIN EN ISO 9454-1 as 1123, ROM1 according to DIN EN 61190-1-1 and J-STD-004 (and formerly also F-SW26 according to DIN 8511 and RA according to QQ-S-571).

Technical Specification

878	
Appearance	Light yellow, transparent
Density [g/cm ³] (20 °C)	0.828
Solvent	2-Propanol
Solids content [%]	17
Flash point [°C]	13

If needed, isopropanol (water-free) should be used as thinner to remain the characteristic properties.

Cleaning

If needed residuals can be easily removed by use of alcohols or commercially available cleaners.

Application

ELSOLD Flux 878 can be applied by dipping, spraying, brushing, painting or foaming. It has excellent capillary properties and a homogenous, good wetting even on slightly oxidized surfaces. The flux is plastified and its residues do not tend to flake off.

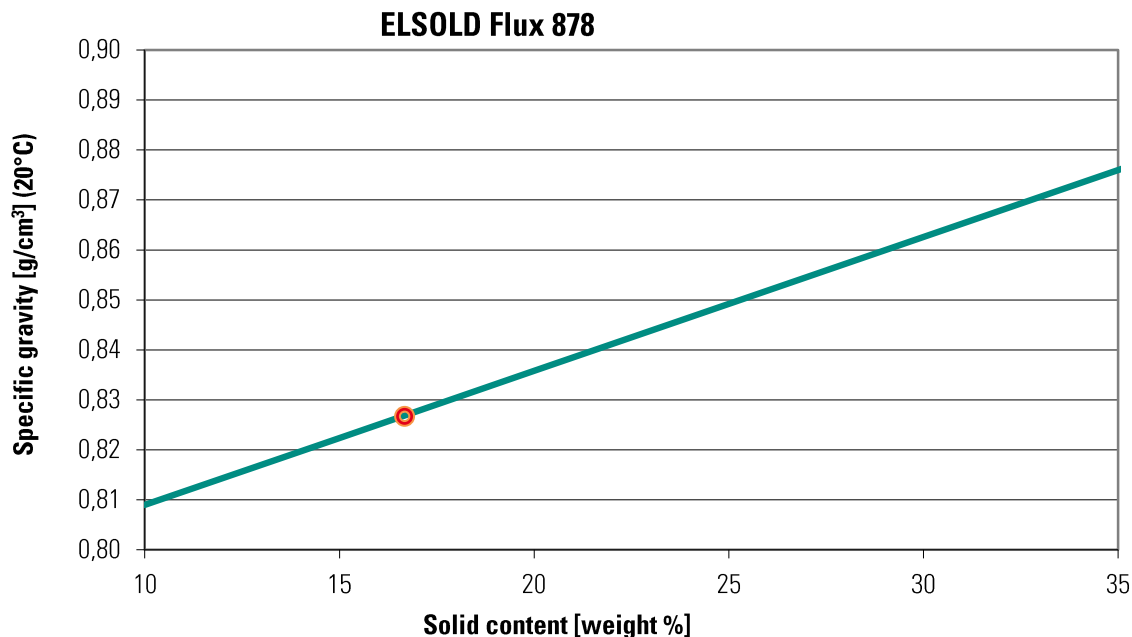
Process Control

Due to the evaporation of the solvent the flux gets more concentrated during the use. Evaporation losses need to be compensated by replenishing the indicated solvent in order to maintain the desired viscosity.

The flux concentration can be controlled by adjusting the specific gravity according to the below diagram. The specific gravity can be checked by using a commercially available densitometer or pycnometer.

ELSOLD Flux 878

Specific gravity plotted against concentration of ELSOLD Flux 878 with solvent 2-Propanol.



General Safety Precautions

ELSOLD Flux 878 should be used according to industrial standards of practice. For safety advice please refer to the material safety data sheet.

Packing Sizes

ELSOLD Flux 878 is available in containers of 5 l, 10 l and 20 L.

Storage

ELSOLD Flux 878 is flammable and therefore needs to be stored away from possible sources of ignition.

Shelf Life

Under adequate conditions ELSOLD Flux 878 can be stored in original unopened containers for a minimum of 12 months.

The information contained herein is based on technical data that we believe to be reliable and is intended for use by persons having technical skill, at their own risk. Users of our products should make their own tests to determine the suitability of each product for their particular process. TAMURA ELSOLD will assume no liability for results obtained or damages incurred through the application of the data presented.