



WILAPLAT Titanium Processing Treatments

Titanium Pickling Solution

Article No. 3030400202 Titanium Pickling Agent

Article No. 3030400302 Special Titanium Pickling Agent

Article No. 3030400402 Electrolytic Titanium Pickling Agent

Description

The Titanium Pickling Bath for pure titanium removes oxidation layers from titanium surfaces - the precondition for further electrolytic processing of titanium, such as colour anodization.

The Special Pickling Bath (Article No. 3030400302) has greater pickling efficiency than the Normal Bath (Article No.3030400202), while the performance of the Electrolytic Bath (Article No. 3030400402) is easier to vary for better brightness formation with less stress.

Application

Ultrasonically cleaned titanium work pieces are hung on titanium hooks (foreign metals must not be introduced to the pickling solution) and suspended in the bath with the electrical contact with the anode established through the electrolyte. Upon completion of the pickling process, the work pieces must be thoroughly rinsed.

It is absolutely essential to avoid drag out.

Operating Data

Temperature	Room Temperature (18-25°C)
Immersion Time	30-120 seconds
Tank Material	Plastic, (PVC, PTFE etc.)
Voltage*	1.8-2.8 volts
Exposure Time	2-6 Minutes
Anodes	Nickel, platinum or gold

*applicable for Electrolytic Titanium Pickling Bath, Article No. 3030400402

Supply Form

Ready for use

Regeneration

Not possible

Warning

Chemicals and materials used in electro-plating techniques can be corrosive or poisonous. During use, storage, transportation and disposal the relevant guidelines must be observed.

For further information see The EEC Safety Data Sheets