

Non-cyanide Alkaline Zn-Fe Alloy Electroplating Bath & Process

Zeng Xin & Zhang Liang, Oriental Metal Finishing Technical Corporation, Hangzhou, China

A non-cyanide alkaline Zn-Fe alloy plating bath and process have been investigated. Research focused on how the iron content in the electrodeposited Zn-Fe alloy varies with the bath components and operating conditions. An alloy that contains 0.3–0.7 wt% Fe had superior corrosion resistance. Applications of the alloy film, as well as X-ray and SEM analysis, are discussed.

For more information, contact:

Mr. Zeng Xin
Hangzhou Oriental Metal Finishing Technology Corp.
Block A-9, Yingui Garden, No. 469 Wenyuan Road
Hangzhou 310012
China
Fax 011-86-571-897-3854
e-mail - oriental@mail.hz.zj.cn