

ABSTRACT

A tin-plated stainless steel sheet which has a tin plating layer having good adhesion to a stainless steel sheet and exhibits excellent whisker resistance in various environments, and wherein a nickel plating layer having a thickness of $0.3\text{--}3\text{ }\mu\text{m}$ is formed on a stainless steel sheet, and a tin plating layer having a thickness of $0.3\text{--}5\text{ }\mu\text{m}$ is formed on the nickel plating layer. This tin-plated stainless steel sheet is characterized in that nickel crystals in the nickel plating layer have a lattice distortion of 0.5% or less.