

ABSTRACT

A hot-dip plated steel sheet includes a hot-dip plated layer formed on a surface of a steel sheet, a pattern portion and a non-pattern portion are formed on the hot-dip plated layer, the pattern portion and the non-pattern portion include a first region and a second region defined below, and an absolute value of a difference in an area fraction of a first region between the pattern portion and the non-pattern portion is 30% or more. A cross section parallel to a surface is exposed at any position of $3t/4$ position, $t/2$ position, or $t/4$ position from the surface of the hot-dip plated layer, virtual lattice lines are drawn on each of the cross sections, a region in which a proportion of an area fraction B of a [Zn phase] to a total area fraction A of the [Zn phase] and an [Al/MgZn₂/Zn ternary eutectic structure] is 20% or more in each of a plurality of regions partitioned by the virtual lattice lines is defined as the first region, and a region in which the proportion is less than 20% is defined as the second region.

FIG. 1