

STAINLESS STEEL FOIL FOR BATTERY OUTER PACKAGING

Abstract

Provided is a battery armoring stainless steel foil which
5 has excellent adhesiveness to resin after being thermally
shocked and after being immersed in an electrolyte solution.
A battery armoring stainless steel foil (1) includes an oxide
film (1a), having a thickness of not less than 2 nm, which
contains (i) Fe in an amount of not less than 40 mol percent,
10 (ii) Cr in a lesser amount than Fe, and (iii) Si in an amount of
not more than 40 mol percent, the battery armoring stainless
steel foil (1) having an arithmetic mean roughness Ra of less
than 0.1 μm but not less than 0.02 μm in a direction
orthogonal to a direction in which the battery armoring
15 stainless steel foil (1) has been rolled.

(Figure 1)