

ABSTRACT

The non-oriented electrical steel sheet includes, as a chemical composition, in terms of mass%, 0.0100% or less of C, 1.50 to 4.00% of Si, 0.0001 to 1.00% of sol.Al, 0.0100% or less of S, 0.0100% or less of N, and 2.50 to 5.00% in total of one or more
5 selected from the group consisting of Mn, Ni, and Cu, wherein, in terms of mass%, when [Mn] is defined as the Mn content, [Ni] is defined as the Ni content, [Cu] is defined as the Cu content, [Si] is defined as the Si content, [sol.Al] is defined as the sol.Al content, and [P] is defined as the P content, $(2 \times [\text{Mn}] + 2.5 \times [\text{Ni}] + [\text{Cu}]) - ([\text{Si}] + 2 \times [\text{sol.Al}] + 4 \times [\text{P}]) \geq 1.50\%$ is satisfied; has A411-011 of 15.0% or more; has a B50D of 1.70 T or more;
10 and has a W10D/400D of 10.4 W/kg or less.

[No figure]