

ABSTRACT

An adhesive surface-coated electrical steel sheet of the present invention includes:
the electrical steel sheet; and the adhesive coating that is provided on at least a part of one
surface or both surfaces of the electrical steel sheet, the adhesive coating including a
5 crosslinkable thermoplastic resin A and a thermoplastic resin B other than the crosslinkable
thermoplastic resin A, in which in the adhesive coating, the peak temperature in a
logarithmic decrement curve measured by a rigid-body pendulum test is 130°C to 150°C,
and the peak ratio P1/P2 of a peak logarithmic decrement P1 in the logarithmic decrement
curve after heating at 200°C for 1 minute to a peak logarithmic decrement P2 in the
10 logarithmic decrement curve before the heating is 0.70 to 1.30.

FIG. 1