

ABSTRACT

An adhesive resin composition-coated electrical steel sheet including a steel sheet, and adhesive resin composition coating on at least one surface of the steel sheet, wherein the adhesive resin composition coating is a semi-cured material of an adhesive resin composition consisting of an adhesive resin at least partly including a thermosetting resin, and a curing agent, maximum penetration λ of the adhesive resin composition coating at 100 to 300°C measured by thermomechanical analysis described in JIS K 7196:2012 is 3% or more and less than 100%, and a part of the curing agent exists in the adhesive resin composition coating in a crystalline state, and polarization-resolved light scattering intensity I of the adhesive resin composition coating is 1.00×10^7 to 50.00×10^7 .

[No suitable figure]