[CLAIMS]

1. An adhesively-laminated core comprising:

a plurality of electrical steel sheets which are stacked on each other and of which both surfaces are coated with an insulation coating; and

an adhesion part which is provided between the electrical steel sheets adjacent to each other in a stacking direction and adheres the electrical steel sheets to each other,

wherein an adhesive forming the adhesion part contains an organic resin and an inorganic filler,

wherein a 50% particle size of the inorganic filler is 0.2 to 3.5 μm,

wherein a 90% particle size of the inorganic filler is 10.0 μm or less, and

wherein an amount of the inorganic filler is 5 to 50 parts by mass with respect to 100 parts by mass of the organic resin.

2. The adhesively-laminated core according to claim 1,

wherein a maximum particle size of the inorganic filler is 30.0 μm or less.

3. The adhesively-laminated core according to claim 1 or 2,

wherein the inorganic filler contains one or more selected from metal oxide and metal hydroxide.

4. The adhesively-laminated core according to any one of claims 1 to 3,

wherein the inorganic filler contains one or more selected from aluminum hydroxide and aluminum oxide.

~~5. The adhesively-laminated core according to any one of claims 1 to 4,~~

~~wherein the adhesively-laminated core is used for a stator.~~

~~6. A method of manufacturing the adhesively-laminated core according to any one of claims 1 to 5,~~

~~wherein an operation of applying the adhesive to a part of a surface of the electrical steel sheet, stacking the electrical steel sheet on another electrical steel sheet, press-stacking the electrical steel sheets, and forming the adhesion part is repeated.~~

~~7. An electric motor comprising:~~

~~the adhesively-laminated core according to any one of claims 1 to 5.~~

[CLAIMS]

1. An adhesively-laminated core comprising:

a plurality of electrical steel sheets which are stacked on each other and of which both surfaces are coated with an insulation coating; and

an adhesion part which is provided between the electrical steel sheets adjacent to each other in a stacking direction and adheres the electrical steel sheets to each other,

wherein an adhesive forming the adhesion part contains an organic resin and an inorganic filler,

wherein a 50% particle size of the inorganic filler is 0.2 to 3.5 μm,

wherein a 90% particle size of the inorganic filler is 10.0 μm or less, and

wherein an amount of the inorganic filler is 5 to 50 parts by mass with respect to 100 parts by mass of the organic resin.

2. The adhesively-laminated core according to claim 1,

wherein a maximum particle size of the inorganic filler is 30.0 μm or less.

3. The adhesively-laminated core according to claim 1 or 2,

wherein the inorganic filler contains one or more selected from metal oxide and metal hydroxide.

4. The adhesively-laminated core according to any one of claims 1 to 3,

wherein the inorganic filler contains one or more selected from aluminum hydroxide and aluminum oxide.

5. The adhesively-laminated core according to any one of claims 1 to 4,

wherein a 50% particle size of the inorganic filler is 0.4 to 3.0 μm, and

wherein a 90% particle size of the inorganic filler is 2.0 to 10.0 μm.

6. The adhesively-laminated core according to any one of claims 1 to 4,

wherein a 50% particle size of the inorganic filler is 1.5 to 2.5 μm, and

wherein a 90% particle size of the inorganic filler is 6.5 to 8.5 μm.

7. The adhesively-laminated core according to any one of claims 1 to 6,

wherein the adhesively-laminated core is used for a stator.

8. A method of manufacturing the adhesively-laminated core according to any one of claims 1 to 7,

wherein an operation of applying the adhesive to a part of a surface of the electrical steel sheet, stacking the electrical steel sheet on another electrical steel sheet, press-stacking the electrical steel sheets, and forming the adhesion part is repeated.

9. An electric motor comprising:

the adhesively-laminated core according to any one of claims 1 to 7.