[CLAIMS]

1. An adhesively-laminated core for a stator comprising:

a plurality of electrical steel sheets which are stacked on one another and of which both surfaces are coated with insulation coatings; and

adhesion parts which are disposed between the electrical steel sheets adjacent to each other in a stacking direction and cause the electrical steel sheets to be adhered to each other,

wherein all sets of the electrical steel sheets adjacent to each other in the stacking direction are adhered via the adhesion parts,

wherein an adhesive forming the adhesion parts is a two-agent type acrylic-based adhesive which includes an acrylic-based compound, an oxidizer, and a reducer and in which a portion of the acrylic-based compound and the oxidizer are assigned to a first agent and the remaining portion of the acrylic-based compound and the reducer are assigned to a second agent,

wherein the acrylic-based compound includes at least one selected from the group consisting of methyl methacrylate, phenoxyethyl methacrylate, 2-hydroxyethyl methacrylate, and 2-hydroxypropyl methacrylate,

wherein the methyl methacrylate is within a range of 0 to 50 mass%, the phenoxyethyl methacrylate is within a range of 0 to 50 mass%, the 2-hydroxyethyl methacrylate is within a range of 0 to 50 mass%, and the 2-hydroxypropyl methacrylate is within a range of 0 to 50 mass% with respect to a total mass of the acrylic-based adhesive,

wherein the adhesion parts are partially provided between the electrical steel sheets adjacent to each other in the stacking direction,

wherein the adhesively-laminated core for a stator includes an annular core back part and a plurality of tooth parts, and

wherein an adhesion area ratio of the core back part via the adhesion parts is within a range of 50% to 80%.

2. An adhesively-laminated core for a stator comprising:

a plurality of electrical steel sheets which are stacked on one another and of which both surfaces are coated with insulation coatings; and

adhesion parts which are disposed between the electrical steel sheets adjacent to each other in a stacking direction and cause the electrical steel sheets to be adhered to each other,

wherein all sets of the electrical steel sheets adjacent to each other in the stacking direction are adhered via the adhesion parts,

wherein an adhesive forming the adhesion parts is an acrylic-based adhesive which includes an acrylic-based compound,

wherein the acrylic-based compound is cyanoacrylate,

wherein the acrylic-based adhesive further includes an elastomer,

wherein the adhesion parts are partially provided between the electrical steel sheets adjacent to each other in the stacking direction,

wherein the adhesively-laminated core for a stator includes an annular core back part and a plurality of tooth parts, and

wherein an adhesion area ratio of the core back part via the adhesion parts is within a range of 50% to 80%.

3. An adhesively-laminated core for a stator comprising:

a plurality of electrical steel sheets which are stacked on one another and of which both surfaces are coated with insulation coatings; and

adhesion parts which are disposed between the electrical steel sheets adjacent to each other in a stacking direction and cause the electrical steel sheets to be adhered to each other,

wherein all sets of the electrical steel sheets adjacent to each other in the stacking direction are adhered via the adhesion parts,

wherein an adhesive forming the adhesion parts is an acrylic-based adhesive which includes an acrylic-based compound,

wherein the acrylic-based adhesive is an anaerobic adhesive,

wherein the acrylic-based adhesive further includes an elastomer,

wherein the adhesion parts are partially provided between the electrical steel sheets adjacent to each other in the stacking direction,

wherein the adhesively-laminated core for a stator includes an annular core back part and a plurality of tooth parts, and

wherein an adhesion area ratio of the core back part via the adhesion parts is within a range of 50% to 80%.

4. The adhesively-laminated core for a stator according to claim 1,

wherein the acrylic-based adhesive further includes an elastomer.

5. The adhesively-laminated core for a stator according to claim 2,

wherein the elastomer includes acrylonitrile butadiene rubber, and

wherein the acrylonitrile butadiene rubber is within a range of 1 to 20 mass% with respect to a total mass of the acrylic-based adhesive.

6. The adhesively-laminated core for a stator according to claim 1,

wherein an adhesion area ratio of the electrical steel sheets via the adhesion parts is within a range of 20% to 80% between the electrical steel sheets.

7. A method of manufacturing the adhesively-laminated core for a stator according to claim 1 comprising:

repeating an operation of forming the adhesion part at room temperature by coating a portion on a surface of the electrical steel sheet with the first agent and the second agent of the acrylic-based adhesive and then press-stacking the electrical steel sheet over another electrical steel sheet.

8. A method of manufacturing the adhesively-laminated core for a stator according to claim 2 comprising:

repeating an operation of forming the adhesion part at room temperature by coating a portion on a surface of the electrical steel sheet with the acrylic-based adhesive and then press-stacking the electrical steel sheet over another electrical steel sheet.

9. An electric motor comprising:

the adhesively-laminated core for a stator according to claim 1.