[Claims]

1. A laminated core comprising:

a plurality of electrical steel sheets stacked on each other; and

adhesion parts provided between the electrical steel sheets adjacent to each other in an axial direction thereof and adhering the electrical steel sheets to each other,

wherein each of the electrical steel sheets includes an annular core back part, and a plurality of tooth parts which extend from the core back part in a radial direction of the core back part and are disposed at intervals in a circumferential direction of the core back part, and

each of the tooth parts of the plurality of tooth parts includes an adhesion region provided with the adhesion part and having a belt shape extending in the circumferential direction, and

wherein width dimensions of each of the adhesion regions in the radial direction increase from circumferential central parts of the tooth parts in the direction toward circumferential end part sides of the tooth parts.

2. A laminated core comprising:

a plurality of electrical steel sheets stacked on each other; and

adhesion parts provided between the electrical steel sheets adjacent to each other in an axial direction thereof and adhering the electrical steel sheets to each other,

wherein each of the electrical steel sheets includes an annular core back part, and a plurality of tooth parts which extend from the core back part in a radial direction of the core back part and are disposed at intervals in a circumferential direction of the core back part, and

each of the tooth parts of the plurality of tooth parts includes an adhesion region provided with the adhesion part and having a belt shape extending in the circumferential direction, and

wherein each of the adhesion regions extends in arc shapes in the circumferential direction.

3. The laminated core according to claim 1 or 2, wherein the adhesion regions are formed on a side closer to the core back part than the vicinities of tips of the tooth parts.

4. The laminated core according to any one of claims 1 to 3, wherein the adhesion parts extend over the entire widths of the tooth parts.

5. The laminated core according to any one of claims 1 to 4, wherein an average thickness of the adhesion parts is 1.0 μm to 3.0 μm.

6. The laminated core according to any one of claims 1 to 5, wherein an average tensile modulus of elasticity E of the adhesion parts is 1500 MPa to 4500 MPa.

7. The laminated core according to any one of claims 1 to 6, wherein the adhesion parts are room temperature adhesion type acrylic-based adhesives each containing SGA made of an elastomer-containing acrylic-based adhesive.

8. The laminated core according to any one of claims 1 to 7, wherein a melting point of each of the adhesion parts is 180°C or higher.

9. An electric motor comprising the laminated core according to any one of claims 1 to 8.