

ABSTRACT



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5 A means for treating the end faces of a core which
is used for an electrical apparatuses and etc., to give
insulation extremely superior in effect of improvement of
the insulation, corrosion resistance, adhesiveness, heat
resistance, and magnetic properties at a low temperature
in a short time without cleaning for removing punching
oil, annealing, or other pre-treatment; a core having an
10 insulation coating comprised of a dry film of a pure
silicone polymer, modified silicone polymer, and/or mixed
silicone polymer as a silicone compound on the core end
faces and having an average film thickness of at least
0.5 μm , a breakdown voltage of at least 30V, and a heat
15 resistance in the air of at least 400°C; and a method of
production comprised of forming a core, then dipping it
in or spraying it by one or more types of a pure silicone
polymer, modified silicone polymer, and/or mixed silicone
polymer as an insulation coating.



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