

ELECTROCONDUCTIVE COATING COMPOSITION AND PROCESS FOR
PRODUCTION OF ELECTROCONDUCTIVE COATING FILM

ABSTRACT

Provided is an electroconductive coating composition which is soluble in solvent and exhibits excellent processability, and the electric conductivity of which rarely lowers even under high temperature conditions. An electroconductive coating composition (A) characterized by containing both a substituted polythiophene (P) and a dopant (D), said substituted polythiophene (P) being a polythiophene in which at least some of the thiophene repeating unit are each a thiophene repeating unit (α) which is substituted at the 3-position and/or the 4-position of a thiophene ring by (a) a polyether group that comprises 1 to 9 C2-4 oxyalkylene group repeating units and that has a C1-15 alkoxy group at one terminal, (b) an alkoxy group, (c) an alkoxyalkyl group, or (d) an alkyl group that is substituted or unsubstituted by the polyether group (a).

[NO FIGURE]