

ABSTRACT

It is an object of the present invention to provide hydrotalcite which can inhibit a white discoloration by water of a polyolefin film for agricultural uses, a blooming to the surface of a vinyl chloride resin film, a reduction in electric resistance in the case of using the hydrotalcite as a stabilizer of a vinyl chloride resin for covering wires, the occurrence of die drool in the case of using the hydrotalcite as a neutralizer of an acid catalyst residue in a polyolefin resin or a copolymer thereof, and coloring (yellowing) in extrusion in preparing pellets and can be suitably used as a resin additive, a method of producing the same and a synthetic resin composition containing the same.

Hydrotalcite expressed by the following formula (1);

$$[(Mg)_x(Zn)_y]_{1-z}(Al)_z(OH)_2(A^{n-})_{z/n} \cdot mH_2O \quad (1)$$
 in the formula A^{n-} represents an anion having a valence of n , and x , y , z and m are values which satisfy the following expressions, $0.5 \leq x \leq 1$, $0 \leq y \leq 0.5$, $x+y = 1$, $0.1 \leq z \leq 0.5$, $0 \leq m < 1$, and

the hydrotalcite has a sodium content of 100 ppm or less and is used as a resin additive.