

ABSTRACT

To provide a non-lead vinyl chloride resin composition which is substantially free of antimony, uses a vinyl chloride resin alone as a base resin, and is excellent in the flame retardancy and the voltage withstanding characteristics (retention rate of insulation breakdown value) and tensile elongation retention rate after aging, as well as an insulated electronic wire using the same.

The resin composition comprises a vinyl chloride resin, aluminum hydroxide and/or magnesium hydroxide, a plasticizer, and a non-lead stabilizer in which the content of the aluminum hydroxide and/or magnesium hydroxide is 8 to 22 parts by weight based on 100 parts by weight of the content of the vinyl chloride resin, the content of antimony is less than 1000 ppm, and the composition is crosslinked after molding. The insulated electronic wire according to the invention is formed by coating a conductor with the vinyl chloride resin composition.