

ABSTRACT

Provided are an ethylene-vinyl alcohol copolymer, a resin composition and a molded product thereof being superior in long-run stability of melt molding, with inhibited coloring and generation of film forming defects such as flaws in formed film and streaks, and also being superior in appearance characteristics. An ethylene-vinyl alcohol copolymer (A) obtained by saponifying a copolymer of ethylene and a vinyl ester, in which molecular weights determined by using gel permeation chromatography with a differential refractive index detector and an ultraviolet and visible absorbance detector after a heat treatment in a nitrogen atmosphere at 220 °C for 50 hrs satisfy the inequality (1):

$$(M_a - M_b) / M_a < 0.45 \quad (1)$$

wherein: M_a represents a molecular weight in terms of polymethyl methacrylate equivalent on a maximum value of a peak measured by the differential refractive index detector; and M_b represents a molecular weight in terms of polymethyl methacrylate equivalent on a maximum value of an absorption peak at a wavelength of 220 nm measured by the ultraviolet and visible absorbance detector.