

ABSTRACT

Provided is a dispersant for calcium carbonate with which the initial viscosity of a calcium carbonate slurry obtained by wet grinding is low and furthermore a significant increase in viscosity with passage of time is prevented, and also provided is a method for producing the dispersant for calcium carbonate. The dispersant for calcium carbonate contains an acrylic polymer having a weight-average molecular weight between 4,500 and 8,500 that is obtained by: a polymerization process in which a monomer containing acrylic acid is polymerized at a reaction temperature between 68 and 82°C in the presence of 1.4 to 4.4 parts by mass of a hypophosphite and 0.3 to 1.5 parts by mass of a persulfate per 100 parts by mass of the monomer, using an isopropyl alcohol aqueous solution as a solvent; and a neutralization process in which 15 to 95 mol% of carboxyl groups having structural units derived from the monomer containing the resulting polymer are neutralized.