

CERAMIC POWDER AND APPLICATIONS THEREOF

Abstract

The present invention provides ceramic powder capable of being incorporated into rubber or a resin for the preparation of a composition, which shows excellent heat resistance and flame retardancy and which is used, for instance, as a semiconductor-sealing material. The ceramic powder has a multi-peak frequency distribution pattern having at least two peaks as a particle size distribution as determined using a laser diffraction-scattering type particle size-analyzer, wherein the maximum particle size for the first peak ranges from 40 to 80 μm and that for the second peak ranges from 3 to 8 μm and wherein the rate of the particles having a particle size of not less than 20 μm and less than 40 μm is not more than 20% by mass (inclusive of 0% by mass).