

ABSTRACT

Abstract

Object

5 The main object of the present invention is to provide a
water-absorbent resin having a suitable particle size, strong
particle strength, excellent adhesion to fibers, and excellent
flowability as powders as well as properties suitable for a
water-absorbent material used in a hygienic material, such as
excellent general absorption properties as a water-absorbent
10 resin, and to provide a process for producing the same. Another
object of the present invention is to provide an absorbent
material and an absorbent article using the water-absorbent resin.

Means for Achieving the Object

15 A water-absorbent resin having an aspect ratio of 1.0 to
3.0 and a median particle size (D) of 100 to 2,000 μm in which
primary particles having an aspect ratio of 1.1 to 200 and a
median particle size (d) of 50 to 600 μm are agglomerated.

20 Selected Figure: Fig. 1