

SUSPENDING AGENT-CONTAINING SLURRY, METHOD
OF PRODUCING THE SAME, AND PROCESS FOR
SUSPENSION POLYMERIZATION USING THE SAME

ABSTRACT OF THE DISCLOSURE

A suspending agent-containing slurry is disclosed which comprises a dispersant and a particulate suspending agent having a particle size distribution in which the particle diameter at weight-cumulative 95%, from the minimum particle size, is 1 μm or smaller. A method for efficiently producing the suspending agent-containing slurry is also disclosed. A process for suspension polymerization by use of the suspending agent-containing slurry is further disclosed. The slurry not only has such an excellent suspending ability in suspension polymerization that it enables the production of vinyl polymer beads having a narrow bead size distribution, but also is capable of retaining this ability over long and of exhibiting the same ability even when it has a high concentration. The suspension polymerization process enables vinyl polymer beads having a narrow bead size distribution to be produced efficiently due to the use of the slurry.



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