

ABSTRACT

PROCESS FOR THE PREPARATION OF
FLUID BED VINYL ACETATE CATALYST

A process for the preparation of a fluid bed vinyl acetate (VAM) catalyst comprising impregnating a support comprising a mixture of substantially inert microspheroidal particles with a solution comprising a halide-free metal salt of Pd and M, wherein M comprises Ba, Au, La, Nb, Ce, Zn, Pb, Ca, Sr, Sb or mixtures thereof, reducing the metal salts to form a deposit of Pd and M on the support surface and impregnating the support with at least one halide-free alkali metal salt. At least 50% of the particles used for the microspheroidal support have a particle size below 100 microns, preferably below 60 microns.

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