

Process for preparing dispersion powders

Abstract:

5 The invention provides a process for preparing dispersion
powders by spray drying of aqueous polymer dispersions of
polymers of one or more ethylenically unsaturated monomers
selected from the group encompassing vinyl esters, methacrylic
esters, acrylic esters, olefins, dienes, vinylaromatics, and
10 vinyl halides with a drying gas in a nozzle atomization dryer,
characterized in that the aqueous polymer dispersion (feed),
before being atomized, is preheated under pressure to a
temperature of 100°C to 200°C and is atomized at this
temperature, the pressure being set such that the aqueous
15 phase of the polymer dispersion does not boil at the
temperature selected.