

SURFACE POLYMERISATION PROCESS AND POLYMER PRODUCT USING RAFT AGENT

ABSTRACT

A method of polymerising monomer to form polymer at the surface of particulate material, said method comprising: providing a dispersion of said particulate material in a continuous liquid phase, said dispersion comprising a RAFT agent as a stabiliser for said particulate material, and said continuous liquid phase comprising one or more ethylenically unsaturated monomers; and polymerising said one or more ethylenically unsaturated monomers under the control of said RAFT agent to thereby form polymer at the surface of said particulate material.

(No Suitable Figs)