

ABSTRACT OF THE DISCLOSURE**PROCESSES FOR CHEMICALLY-MODIFYING THE SURFACE OF
EMULSION POLYMER PARTICLES**

Processes for chemically-modifying the surface of an emulsion polymer particle are provided which include providing an aqueous emulsion polymer, a monomer at a level of at least 0.5% by weight based on the weight of the emulsion polymer and a surface-modifying chemical capable of bonding with the monomer, under conditions where there is no substantial polymerization of the monomer, and then reducing the level of the monomer by at least 50%.