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Effect of Polymer Additives on the Stability of O/W

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Different types of polymers were added to ethyl oleate-in-water en of the emulsions was followed by a turbidimetric technique. Additic such as pullulan and dextran at 1% (w/v) destabilized the emulsion stability of the emulsions on pullulan concentration was examined. Were lower than 0.5% (w/v) and higher than 8.5%, the stability wa at 0%. At the concentrations of 1 to 7%, the emulsions were destal phenomena are discussed based on a model in which the depletion into a model derived from a balance of forces working on a coalest

Keywords: O/W emulsions, depletion effect, neutral polymer

[PDF (614K)] [References]

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