

Preparation and properties of chitosan microspheres based on polyglycerol polyricinoleate stabilized emulsions

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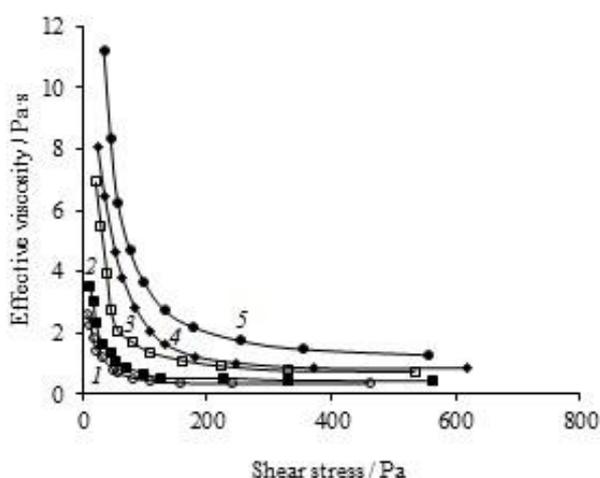


Figure S1 The effective viscosity of emulsions at PG-6-PR concentration (wt%) in the system (water-to-oil ratio 8:2): (1) 2.0, (2) 3.0, (3) 4.0, (4) 4.5, and (5) 5.0. Rheological properties of the equilibrium emulsions were measured with a rheometer (Rheotest RV2.1, Medingen GmbH, Germany) at 25°C using S/N cylinder coupling. For all samples shear stress and apparent viscosity were determined for 12 shear rate values in the range of 3 – 1312 s⁻¹.

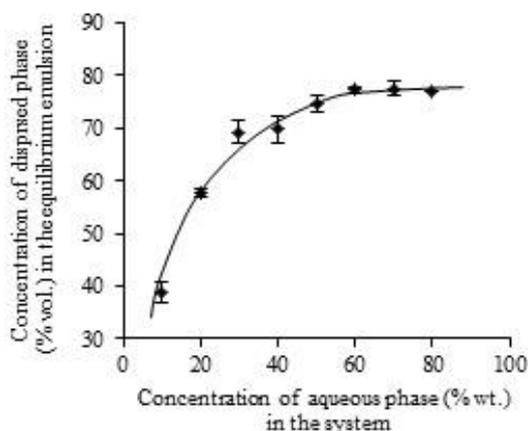


Figure S2 Effect of aqueous phase content (wt%) in the system (PG-6-PR 2.0 wt%) on the concentration of dispersed phase in the equilibrium emulsion (vol%) (storage time is 120 h).