Crystallization of poly-Hydroxybenzophenones

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High quality of poly-hydroxybenzophenones obtained from crystallization in ternary system. Due to the high solubility in high acetone/water ratio solvent and the exponential solubility curve in high solubility temperature, the size distribution of small and broad can be obtained after the final state. The method for achieving large and narrow distribution as well as the purity is studied considering with the characteristics of growth of polyhydroxybenzophenones in ternary system.