

Process for the Production of Polycarbonate

Abstract

The invention describes a process for the isolation of polycarbonate produced by the phase interface process, from a solution in an organic solvent, comprising the following steps:

- (a) evaporation of the organic solvent to obtain a content of polycarbonate of 90 to 99.95 wt.%,
- (b) optionally mixing the melt obtained in step (a) with a foaming agent,
- (c) degassing of the melt obtained from (a) and optionally (b) by feeding the melt through inlet openings into a separating vessel.

The process is characterised in that in the degassing according to step (b) the melt is subdivided by the inlet openings into partial streams of 0.1 to 20 kg/hr and on entry into the inlet openings the melt has a supersaturation with volatile constituents of at least 1 bar as well as a temperature of 250° to 340°C, the pressure in the separating vessel being 0.1 to 20 mbar.