

INTERFACIAL METHOD FOR
PREPARING
COPOLYESTERCARBONATES

ABSTRACT

5 The level of anhydride linkages in copolyestercarbonates
is decreased by preparing the copolyestercarbonate interfacially in a
two-step method from at least one dihydroxyaromatic compound and at
least one dicarboxylic acid. The first step is conducted at a pH in the
range of about 4.5-9.5, employing the combination of a phase transfer
10 catalyst such as a tetraalkylammonium halide and a tertiary amine
such as triethylamine. The proportion of the phase transfer catalyst is
in the range of about 3-12 mole percent based on total
dihydroxyaromatic compound and dicarboxylic acid employed. In the
second phosgenation step, the pH is raised to at least 10 and a
15 stoichiometric phosgene excess of at least 5% is introduced.