

NOVEL COPOLYETHERIMIDES AND
PHASE CATALYZED METHOD FOR
THEIR PREPARATION

ABSTRACT

- 5 Copolyetherimides are prepared by the reaction of an
alkali metal salt of a dihydroxyaromatic compound with a
bis(substituted phthalimide) and a third compound which may be a
substituted aromatic ketone or sulfone or a macrocyclic polycarbonate
or polyarylate oligomer. The reaction takes place in the presence of a
10 solvent and a phase transfer catalyst having high thermal stability,
such as a hexaalkylguanidinium halide. Random or block copolymers
may be obtained, depending on the reaction conditions.