

Polyarylethersulfone copolymers

Abstract

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The present invention relates to a method for preparing polyarylethersulfone-polyalkylene oxide block copolymers (PPC) comprising the polycondensation of a reaction mixture (R_G) comprising the components:

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(A1) at least one aromatic dihalogen compound,

(B1) at least one aromatic dihydroxyl compound,

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(B2) at least one polyalkylene oxide compound having at least one free hydroxyl group ($-OH$) and at least one capped hydroxyl group ($-OR^A$),

(C) at least one aprotic polar solvent and

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(D) at least one metal carbonate,

where the reaction mixture (R_G) does not comprise any substance which forms an azeotrope with water.

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No Suitable Figure.