

ABSTRACT

POLYETHERCARBONATE-POLYOXYMETHYLENE BLOCK COPOLYMERS

The present invention relates to a method for producing polyethercarbonate-polyoxymethylene block copolymers, comprising the step of polymerising formaldehyde, wherein formaldehyde is polymerised in the presence of a polyethercarbonate having at least one Zerewitinoff-active H atom, obtaining an intermediate product. The obtained intermediate product can be further reacted with a cyclic carboxylic acid ester or carbonic acid ester, a cyclic anhydride, an epoxide, and/or an isocyanate, wherein a hydroxy- or carboxy-functional or NCO-modified polyethercarbonate-polyoxymethylene block copolymer is obtained. The present invention further relates to polyethercarbonate-polyoxymethylene block copolymers that can be obtained by means of such a method and to the use of same to produce polyurethane polymers.