

ABSTRACT

METHOD FOR PRODUCING POLYETHER POLYOLS

The invention relates to a method for producing polyether carbonate polyols, wherein (i) in a first step a polyether carbonate polyol is produced from one or more H-functional starter substances, one or more alkylene oxides, and carbon dioxide in the presence of at least one DMC catalyst, and (ii) in a second step the polyether carbonate polyol is chain-extended with a mixture of at least two different alkylene oxides in the presence of at least one DMC catalyst. The invention further relates to polyether carbonate polyols that contain a terminal mixed block of at least two alkylene oxides and to a method for producing soft polyurethane foams, wherein a polyol component containing a polyether carbonate polyol according to the invention is used.