Title (en)
PROCESS FOR THE PREPARATION OF POLYURETHANE FOAMS

Publication
EP 0000761 B1 19811125 (DE)

Application
EP 78100555 A 19780731

Priority
DE 2736138 A 19770811

Abstract (en)
[origin: EP0000761A1] 1. Process for the production of non-shrinking foams which contain urethane groups by the reaction of compounds with a molecular weight of from 400 to 100,000 which have at least 2 active hydrogen atoms with polyisocyanates in the presence of water and/or organic blowing agents, silicon compounds and optionally in the presence of catalysts and other auxiliary agents, characterised in that the silicon compounds used are mixtures of compounds of the general formula : R**1 R2 SiO-[R2 SiO]n [RR**2 SiO]n' SiR2 R**1 wherein R denotes an alkyl or alkenyl group with up to 3 C atoms, R**2 denotes a chloromethyl group, R**1 represents a group R**2 or R, n' is a whole number or fraction of from 0 to 9, n is a whole number or fraction of from 0 to 9, and n + n' =< 10, n and n' representing the average composition of the mixtures, which are obtained by known hydrolysis of corresponding chlorosilanes and subsequent equilibration, and R**1 being the same as R**2 when n' = 0, which mixtures of compound are used in quantities of from 0.01 to 2.0% by weight, based on the compounds with a molecular weight of from 400 to 100,000 which have active hydrogen atoms.

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C08G 18/14; C08J 9/00

IPC 8 full level
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