

Title (en)

COMPOUNDS CONTAINING HYDROXYLIC GROUPS AND URETHANE-ARYL-SULFONIC ACID GROUPS, PROCESS FOR THEIR PREPARATION AND THEIR USE AS REACTION COMPONENTS FOR POLYISOCYANATES

Publication

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Application

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Abstract (en)

[origin: US4174434A] The instant invention is directed to compounds having an average molecular weight of from 300 to 12,000, containing: at least one hydroxyl group and at least one urethano-aryl-sulfonic acid group and a method for their preparation. The process is characterized as a process for the preparation of compounds having a number average molecular weight of from 300 to 12,000 having at least one hydroxyl group and at least one urethano-aryl-sulfonic acid group, comprising: reacting at from 0 DEG to 190 DEG C. (A) compounds having a molecular weight of from 62 to 10,000 having at least two hydroxyl groups; with (B) aromatic isocyanato sulfonic acids, wherein the equivalent ratio of the total quantity of isocyanate groups (including any isocyanate groups present in dimerized form) to sulfonic acid groups is from 0.5:1 to 50:1 and the equivalent ratio of the sum of hydroxyl groups in (A) to NCO groups is from 1.5:1 to 30:1. The invention is also directed to the product by the process.

IPC 1-7

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IPC 8 full level

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