

Title (en)

STYRENE POLYMERS AND METHOD OF PREPARING STYRENE POLYMERS

Title (de)

STYROLPOLYMERE UND VERFAHREN ZUR HERSTELLUNG VON STYROLPOLYMEREN

Title (fr)

POLYMÈRES DU STYRÈNE ET PROCÉDÉ DE PRÉPARATION DE POLYMÈRES DU STYRÈNE

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Application

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Abstract (en)

[origin: WO2011087384A1] The present invention relates to prepared styrene polymers, in particular those intended for expanding and manufacturing of thermal insulation partitions with the required non-flammability, mechanical, geometrical and insulation parameters, containing styrene polymer, organic porophores, optionally surface- active agents or, optionally, technological additions such as plasticizers, characterised in that they also contain organic and/or inorganic neutralizing preparation in solid or liquid form preferably with an addition of ascorbic acid and, optionally, they contain an addition in the form of organic auxiliary preparations in solid or liquid form preferably with an addition of ascorbic acid. The neutralizing preparation comprise ammonium bromide and/or guanidine phosphate, monoammonium salt of sulphonic acid and, optionally, with ascorbic acid, whilst the auxiliary preparation is an acrylate-fluoroalkyl copolymer which contains dipropylene glycol ethyl ether. The present invention relates also to a method of preparation of styrene polymers, especially ones intended for expanding, whereby the neutralizing preparations and, optionally, the auxiliary preparations are introduced during one of the individual phases of obtaining styrene polymers.

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