

Title (en)
CROSS-LINKABLE FUNCTIONAL LATEX COMPRISING ALUMINIUM TRIHYDROXIDE

Title (de)
VERNETZBARER FUNKTIONELLER LATEX MIT ALUMINIUMTRIHYDROXID

Title (fr)
LATEX FONCTIONNEL RÉTICULABLE COMPRENANT UN TRIHYDROXYDE D'ALUMINIUM

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Application
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Abstract (en)
[origin: WO2020165740A1] The present invention relates to a cross-linkable functional latex, comprising: 10.0 to 5.0 wt% cross-linkable latex polymer based on styrene and or similar monomers in 90.0 to 99.5 wt% comprising at least a carboxy functional group in an amount of at least 0.05 wt% with respect to the total weight of said latex; optionally up to 15.0 wt% cross-linker; up to 15.0 wt% of a surfactant; and 40.0 to 70.0 wt% aluminium trihydroxide; supplemented with water up to 100.0 wt%, whereby the cross-linkable functional latex comprises a functional monomer, said functional monomer being a hydroxy- or a carboxy-functional monomer or a mixture thereof. In addition, the invention also relates to a method for producing a cured latex foam compound, a cured latex foam compound obtained by such method, an arrangement comprising said cured latex foam composition and the use of a cross-linkable functional latex according to the present invention for producing a cured latex foam composition.

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See references of WO 2020165740A1

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