

Title (en)

HIGHLY DISPERSIBLE PRECIPITATED SILICAS

Title (de)

HOCH DISPERGIERBARE GEFÄLLTE KIESELSÄUREN

Title (fr)

ACIDES SILICIQUES PRÉCIPITÉS HAUTEMENT DISPERSABLES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019161912A1] The invention relates to highly dispersible precipitated silicas. The invention specifically relates to modified precipitated silica, characterized in that the particle size of at least 90% of its particles does not exceed 1 µm. The invention further relates to a process suitable for preparing said modified precipitated silicas and characterized by a combination of a homogeneous in-situ modification of the silica together with high-performance wet grinding. Further described is a process for reinforcing elastomers, wherein modified precipitated silica according to the invention is incorporated as a filler.

IPC 8 full level

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