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TITLE : Diene elastomer modified by coupling having silanol functions, synthesis method for same and rubber composition comprising it

ABSTRACT

The present invention relates to a modified diene elastomer predominantly comprising a species coupled via a group bearing a function comprising a silicon atom predominantly hydrolysed into silanol and a tertiary amine function, linked to the diene elastomer via the silicon atom, and to the process for synthesizing it. This elastomer has the particular feature of not undergoing any change in Mooney viscosity during its storage.