

Title (en)
ANIONIC POLYURETHANES WITH ELASTIC PROPERTY

Title (de)
ANIONISCHE POLYURETHANE MIT ELASTISCHEN EIGENSCHAFTEN

Title (fr)
POLYURETHANNES ANIONIQUES A CARACTERE ELASTIQUE

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Application
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Abstract (en)
[origin: WO02070577A1] The invention concerns novel anionic polyurethanes with elastic property, that is having an instantaneous elastic recovery ranging between 5 % and 100 % consisting essentially (a1) of anionic units derived from at least a monomer or polymer compound with sulphonic and/or phosphonic acid function and having at least two functions reactive to labile hydrogen, optionally (a2) non-ionic units derived from at least a non-ionic monomer or polymer compound having at least two functions reactive to labile hydrogen, and (b) units derived from at least a diisocyanate, provided that at least one type of the units (a1) and (a2) is derived from a polymer having a glass transition temperature (Tg) measured by differential enthalpy analysis, less than 10 DEG C and that said sequences with Tg less than 10 DEG C represent 20 to 90 % of the total weight of the polyurethane. The invention also concerns cosmetic compositions containing the novel anionic polyurethanes with elastic property.

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IPC 8 full level
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