

Title (en)  
COLOURED POLYMER SYSTEM WITH IMPROVED ELASTICITY

Title (de)  
FARBIGES POLYMERSYSTEM MIT VERBESSERTER ELASTIZITÄT

Title (fr)  
SYSTÈME POLYMÈRE COLORÉ À ÉLASTICITÉ AMÉLIORÉE

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Application  
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Abstract (en)  
[origin: WO2006122936A1] The invention relates to a method for improving the elasticity of a coloured polymer system, made up of a matrix and discrete polymer particles, distributed in the matrix according to a defined 3D lattice, obtained by production of a film of an emulsion polymer with a core/shell construction, whereby the emulsion polymer is obtained by polymerisation of monomers in at least one first stage (core monomers) and subsequent polymerisation of monomers in at least one further second stage (shell monomers), characterised in that the monomers of the core have a content of at least 5 wt. % of monomers with a glass transition temperature of less than 0°C.

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