

Title (en)
MIGRATION-STABLE DYES IN POLYMERIC MATERIALS VIA COMPLEX FORMATION OF POLYISOBUTENE DERIVATIVES WITH DYES

Title (de)
MIGRATIONSTABILE FARBSTOFFE IN POLYMEREN MATERIALIEN ÜBER KOMPLEXBILDUNG VON POLYISOBUTENDERIVATEN MIT FARBSTOFFEN

Title (fr)
COLORANT STABLE A LA MIGRATION DANS DES MATERIAUX POLYMERIQUES PAR FORMATION D UN COMPLEXE ENTRE DES DERIVES DE POLYISOBUTENE ET DES COLORANTS

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Abstract (en)
[origin: WO2007063049A1] Dye concentrate comprising at least one polyisobutene derivative formed from at least one hydrophobic block (X) and at least one hydrophilic block (Y) as component A and at least one dye as component B, and also a dye concentrate which, as well as components A and B, comprises at least one polyolefin as component C1 and/or at least one solvent as component C2, processes for producing the dye concentrates, processes for coloring polymeric materials by contacting the polymeric materials with the inventive dye concentrates, colored polymer compositions formed from at least one inventive dye concentrate and at least one polymeric material, fibers, films, packagings, moldings composed of the inventive colored polymer composition, the use of the inventive dye concentrates for coloring polymeric materials, and the use of polyisobutene derivatives formed from at least one hydrophobic block (X) and at least one hydrophilic block (Y) as assistants for the migration-stable coloring of polymeric materials. The present invention further relates to the process according to the invention for coloring polymeric materials, the polymeric materials additionally being contacted with a block copolymer (component E), the inventive colored polymer composition which, as well as the at least one dye concentrate and the at least one polymeric material, comprises at least one block copolymer (component E), and the inventive use of the inventive dye concentrates for coloring polymeric materials, the polymeric materials being present in a polymer composition which, as well as the at least one polymeric material, has at least one block copolymer E, and the inventive use of polyisobutene derivatives formed from at least one hydrophobic block (X) and at least one hydrophilic block (Y) for the migration-stable coloring of polymeric materials by means of introduction of a dye concentrate, a block copolymer E additionally being introduced.

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