

Title (en)

BIODEGRADABLE POLYESTER AMIDES WITH BLOCK-SHAPED POLYESTER AND POLYAMIDE SEGMENTS

Title (de)

BIOLOGISCH ABBAUBARE POLYESTERAMIDE MIT BLOCKARTIG AUFGEBAUTEN POLYESTER- UND POLYAMID-SEGMENTEN

Title (fr)

POLYESTERAMIDES BIODEGRADABLES A SEGMENTS POLYESTERS ET POLYAMIDES EN BLOCS

Publication

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Application

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Priority

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Abstract (en)

[origin: DE19800698A1] The invention relates to block-shaped polyester amides with an amide or ester structure, containing the following monomers: aliphatic dialcohols or cycloaliphatic diols and/or aliphatic dicarboxylic acid also in the form of a corresponding ester and/or aromatic dicarboxylic acids also in the form of a corresponding ester and/or hydroxy carboxylic acids and lactone and/or amino alcohols and/or cyclic lactams, and/or omega amino carboxylic acids and/or mixtures (1:1 salts) of dicarboxylic acids and diamines, whereby the polyester amides can be obtained by polycondensation of a hydroxy, acid or ester terminated ester block and an amino acid or ester terminated amide block, whereby the ester content of the polyester amide is 20-80 wt. % and the amide content is 80-20 %.

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