

Title (en)
POLYAMIDE COMPOSITIONS HAVING IMPROVED OPTICAL PROPERTIES

Title (de)
POLYAMIDZUSAMMENSETZUNGEN MIT VERBESSERTEN OPTISCHEN EIGENSCHAFTEN

Title (fr)
COMPOSITIONS DE POLYAMIDE PRÉSENTANT DES PROPRIÉTÉS OPTIQUES AMÉLIORÉES

Publication
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Application
EP 16741585 A 20160713

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Abstract (en)
[origin: CA2992146A1] The invention relates to the use of thermoplastic molding masses to produce molded bodies of any type having improved optical properties, said molding masses containing A) 30 to 99.99 wt% of a thermoplastic polyamide, B) 0.01 to 10 wt% of a compound of formula I, wherein substituent A represents a (see II) or O-R5 residue or (see III), substituent B represents a (see IV) or O-R6 residue or (see V), and substituent Z represents linear or branched C1 to C14 alkylene residues, unsubstituted or substituted cycloalkylene residues having 3 to 17 C atoms, substituted or unsubstituted aromatic residues having 6 to 20 C atoms, R1 to R10 represent, independently of each other, linear C1-C14 alkyl residues, branched C3 to C12 alkyl residues, unsubstituted or substituted C3-C14 cycloalkyl residues, unsubstituted or substituted aromatic residues having 6 to 20 C atoms, or acetyl residues, R1 and R2, and R3 and R4, independently of each other, form a heteroalkylene residue together with the nitrogen as a binding link, which heteroalkylene residue can bear one or two keto groups as a substituent, C) 0 to 60 wt% of further additives, wherein the sum of the weight percentages of components A) to C) is 100%.

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