

Title (en)
SHORT DIAMINE-BASED SEMI-CRYSTALLINE POLYAMIDE COMPOSITION HAVING A HIGH GLASS TRANSITION TEMPERATURE FOR A THERMOPLASTIC MATERIAL, PRODUCTION METHOD THEREOF AND USES OF SAME

Title (de)
KURZFASERIGE DIAMIN BASIERENDE HALBKRYSTALLINE POLYAMIDZUSAMMENSETZUNG MIT EINER HOHEN GLASÜBERGANGSTEMPERATUR FÜR EIN THERMOPLASTISCHES MATERIAL, HERSTELLUNGSVERFAHREN DAFÜR UND VERWENDUNGEN DAVON

Title (fr)
COMPOSITION DE POLYAMIDE SEMI-CRISTALLIN DE HAUTE TEMPERATURE DE TRANSITION VITREUSE A BASE DE DIAMINE COURTE POUR MATERIAU THERMOPLASTIQUE, SON PROCEDE DE FABRICATION ET SES UTILISATIONS

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Abstract (en)
[origin: WO2018172718A1] The invention relates to a composition for a thermoplastic material, comprising: - 0 to 70 wt.-%, preferably 20 to 60 wt.-%, of short reinforcing fibres, - 30 to 100 wt.-%, preferably 40 to 80 wt.-%, of a thermoplastic matrix based on at least one semi-crystalline polyamide polymer, - 0 to 50 wt.-% of additives and/or other polymers, the semi-crystalline polyamide polymer being: a) a reactive composition comprising or consisting of at least one reactive polyamide prepolymer precursor of the semi-crystalline polyamide polymer, or, as an alternative to a), b) a non-reactive composition of at least one polyamide polymer, the composition being that of the thermoplastic matrix defined above, and the reactive polyamide prepolymer of the composition a) and the polyamide polymer of the composition b) comprising or consisting of at least one BACT/XT copolyamide.

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