

Title (en)
MOULDING COMPOSITIONS BASED ON POLYAMIDE, GLASS FIBRES AND HOLLOW GLASS REINFORCEMENT AND USE THEREOF

Title (de)
FORMMASSEN AUF DER BASIS VON POLYAMID, GLASFASERN UND HOHLGLASVERSTÄRKUNG UND DEREN VERWENDUNG

Title (fr)
COMPOSITIONS DE MOULAGE A BASE DE POLYAMIDE, DE FIBRES DE VERRE ET DE RENFORT DE VERRE CREUX ET LEUR UTILISATION

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Application
EP 21851822 A 20211213

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Abstract (en)
[origin: WO2022129765A1] The present invention relates to a moulding composition comprising by weight: (A) 38 to 87% of at least one semi-crystalline aliphatic polyamide, (B) 3 to 25% of a hollow glass reinforcement, (C) 5% to 30% glass fibres, (D) 5 to 15% of at least one impact modifier chosen from a polyolefin, a polyether block amide (PEBA-1) and a mixture thereof, the polyolefin and the PEBA-1 having a flexural modulus less than 200 MPa, in particular less than 100 MPa, as measured according to standard ISO 178: 2010, at 23°C, (E) 0 to 2% by weight of at least one additive, the sum of the proportions of each constituent of the composition being equal to 100%, the density of the composition being less than 1.12 g/cm³.

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