

Title (en)

HIGH PIGMENT/ADDITIVE CONCENTRATION POLYMER GRANULATE

Title (de)

POLYMERGRANULAT MIT HOHER PIGMENT-/ADDITIVKONZENTRATION

Title (fr)

GRANULAT POLYMERE A CONCENTRATION ELEVEE DE PIGMENTS ET/OU D'ADJUVANTS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0242042A1] A method for producing polymer granulate with high concentration of pigments and/or additives, preferably in the form of a monocomponent based on wax or a masterbatch containing one or more pigments and/or additives, is disclosed. A low viscosity polymer carrier is mixed with one or more pigments and/or one or more additives, possibly together with an auxiliary carrier, and is concentrated up to a pigment/additive content of 75 - 90 %, and the mixture is melted and processed to become a granulate. By using polybutylene (C>4<) or polypentene (C>5<) as carrier, possibly in combination with one or more auxiliary wetting agents, it becomes possible to concentrate the pigment content significantly and at the same time to achieve a melt that may be made into granulate.

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