

Abstract

Process for the continuous thermal removal of binder from a metallic and/or ceramic shaped body produced by injection molding, extrusion or pressing using a thermoplastic molding composition

- The invention relates to a process for the continuous thermal removal of binder from a
- 5 metallic and/or ceramic shaped body which has been produced by injection molding, extrusion or pressing using a thermoplastic composition and comprises at least one polyoxymethylene homopolymer or copolymer as binder in a binder removal oven, which comprises the steps (a) removal of binder from the shaped body in a binder removal oven at a temperature which is from 5 to 20°C below, preferably from 10 to
- 10 15°C below, the temperature of a second temperature stage over a period of from 4 to 12 hours in a first temperature stage in an oxygen-comprising atmosphere, (b) removal of binder from the shaped body at a temperature in the range > 160 to 200°C over a period of from 4 to 12 hours in an oxygen-comprising atmosphere in a second temperature stage and (c) removal of binder from the shaped body at a temperature in
- 15 the range from 200 to 600°C over a period of from 2 to 8 hours in a third temperature stage in an oxygen-comprising or neutral or reducing atmosphere, with the shaped bodies being transported through the binder removal oven during process steps (a) and (b).

No suitable figure