

**38**

Polyamide blends comprising a polyaryl ether for laser sinter powders

Abstract

- 5 The present invention relates to a process for producing a shaped body by selective laser sintering of a sinter powder (SP). The sinter powder (SP) comprises at least one semicrystalline polyamide, at least one nylon-6I/6T and at least one polyaryl ether. The present invention further relates to a shaped body obtainable by the process of the invention and to the use of a polyaryl ether in a sinter powder (SP) for broadening the
- 10 sintering window ( $W_{SP}$ ) of the sinter powder (SP).