

Claims

1. A thermoplastic molding composition, comprising
 - A) from 10 to 60% by weight of a thermoplastic semicrystalline polyamide-6,
 - 5 B) from 5 to 50% by weight of a thermoplastic semiaromatic semicrystalline polyamide containing repeating units of hexamethylenediamine and terephthalic acid,
 - C) from 10 to 65% by weight of fibrous and/or particulate fillers,
 - D) from 0 to 30% by weight of further additives,where the total of the percentages by weight of components A) to D) is 100%.
- 10 2. The thermoplastic molding composition according to claim 1, comprising from 30 to 65% by weight of a fibrous filler.
- 15 3. The thermoplastic molding composition according to claim 1 or 2, in which the thermoplastic polymer B) contains 55 to 95% by weight of repeating units of hexamethylenediamine and terephthalic acid.
- 20 4. The thermoplastic molding composition according to one of claims 1 to 3, in which the thermoplastic polymer B) is selected from polyamide-6T/6, polyamide-6T/66, polyamide-6T/6I, and mixtures thereof.
- 25 5. The thermoplastic molding composition according to one of claims 1 to 4, containing 0.05 to 3% by weight of an antioxidant as component D) or part of component D), based on the total of the percentages by weight of components A) to D) which is 100 percent.
- 30 6. The thermoplastic molding composition according to one of claims 1 to 5, containing 15 to 50% by weight of component A).
7. The thermoplastic molding composition according to one of claims 1 to 6, wherein the weight ration of component A) to component B) is 1 : 1 to 10 : 1.
- 35 8. The use of a thermoplastic semiaromatic semicrystalline polyamide containing repeating units of hexamethylenediamine and terephthalic acid as an additive for thermoplastic semicrystalline polyamide-6 compositions for improving the mechanical properties at temperatures above 60° C and in humid environments.
9. The use of the thermoplastic molding compositions according to one of claims 1 to 7 for producing fibers, foils, and moldings of any type.
- 40 10. A fiber, foil or molding, made of the thermoplastic molding composition according to one of claims 1 to 7.