

HIGH-TEMPERATURE POLYAMIDE MOLDING COMPOUNDS REINFORCED WITH FLAT GLASS FIBERS

Abstract

5

The present invention relates to reinforced polyamide molding compounds containing high-melting partially aromatic polyamides and flat glass fibers, in particular with a rectangular cross section, i.e., glass fibers with a noncircular cross-sectional area and a dimension ratio of the main cross-sectional axis to the secondary cross-sectional axis of 2 to 6, in particular 3 to 6, most especially preferably from 3.5 to 5.0. The present invention also relates to a method
10 for manufacturing polyamide molding compounds and molded articles manufactured therefrom, i.e., in particular injection-molded parts. The inventive molded parts have a high transverse stiffness and transverse strength.

15 (No Suitable Figure)