

POLYAMIDE RESIN COMPOSITION AND FORMING FROM THE SAME
ABSTRACT OF THE DISCLOSURE

Disclosed is a polyamide resin composition, a method for producing the composition, and formings from the composition. The polyamide resin composition polyamide resin composition is formed by melt-kneading (A) 100 parts by weight of nylon resin, and (B) 5-150 parts by weight of at least one of a non-fibrous inorganic filler having an average particle diameter of 0.05-10 m and a fibrous inorganic filler, excluding glass fiber, having a fiber diameter of 0.05-10 m. In the polyamide resin composition, an amount of a polyamide resin component deposit remaining on the inorganic filler when the inorganic filler is recovered by dissolving the polyamide resin composition into hexafluoroisopropanol is at least 4 g/m² per unit surface area of the inorganic filler measured by a BET method. The nylon resin composition is excellent in rigidity and toughness and particularly excellent in high-speed surface impact fracture characteristic. The resin composition also achieve excellent surface external appearance and excellent dimensional stability in good balance in a formed article. The resin composition can suitably be formed by injection forming, extrusion, blow forming and the like, into various vehicular exterior parts, under-hood formed parts for motor vehicles, portable device casings and the like.

NO SUITABLE FIGURE

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