

ABSTRACT

POLYAMIDE POLYMER

A polyamide polymer of a dicarboxylic acid, a diamine, and an aminoalkylcarboxylic acid, said polyamide polymer characterized in that itaconic acid is used as the dicarboxylic acid, a diamine represented by formula (I) is used as the diamine (formula (I): $\text{H}_2\text{N}\cdot\text{R}^1\cdot\text{NH}_2$, wherein R^1 represents an alkylene group having 4-12 carbon atoms), and an aminoalkylcarboxylic acid represented by formula (II) is used as the aminoalkylcarboxylic acid (formula (II): $\text{HOOC}\cdot\text{R}^2\cdot\text{NH}_2$, wherein R^2 represents an alkylene group having 8-12 carbon atoms).