CLAIMS

[Claim 1]

A method for producing a polyamide having a melting point of 255°C or higher and 285°C or lower through polycondensation of a mixed xylylenediamine containing at least 40 mol% of paraxylylenediamine as a diamine component and a dicarboxylic acid component which contains at least 90 mol% of adipic acid or sebacic acid in a batch reactor, wherein when the diamine component is dropwise added to the dicarboxylic acid component that has been kept in a melt state by heating it to a temperature not lower than a melting point thereof, under a pressure of 0.1 MPaG or more with keeping the melt state of a reaction mixture, a temperature of the reaction mixture is maintained at 255°C or lower until a molar ratio (diamine component/dicarboxylic acid component) of the reaction mixture reaches 0.8; and the temperature of the reaction mixture at an end of the dropwise addition is controlled to be not lower than the melting point of the polyamide; and

wherein in the case where the dicarboxylic acid component contains at least 90 mol% of adipic acid, the mixed xylylenediamine consists of 40 mol% or more and 50 mol % or less of paraxylylenediamine and 50 mol% or more and 60 mol % or less of metaxylylenediamine; and in the case where the dicarboxylic acid component contains at least 90 mol% of sebacic acid, the mixed xylylenediamine consists of 75 mol% or more and 95 mol % or less of paraxylylenediamine and 5 mol% or more and 25 mol % or less of metaxylylenediamine.