

[ABSTRACT]

The present invention is directed to a binder for a lithium ion battery electrode, comprising a polyimide precursor having a tetracarboxylic acid residue and a diamine residue and/or a polyimide, the polyimide precursor having a residue of a tetracarboxylic dianhydride selected from those represented by the following general formulas (1) and (2) as the tetracarboxylic acid residue, and a residue of a diamine selected from those represented by the following general formulas (3) and (4) as the diamine residue, the content of the acid residue being from 0.90 to 0.95 moles based on 1 mole of the diamine residue.