

Abstract

It is an object of the present invention to provide polylactic acid containing a stereocomplex crystal and
5 having excellent moldability, a high molecular weight, high crystallinity and a high melting point and a process for manufacturing the same. It is another object of the present invention to provide a composition comprising the polylactic acid and a molded product of the polylactic acid.

10 The present invention is characterized from polylactic acid having a weight average molecular weight of 80,000 to 500,000 and a melting peak at 195°C or higher which accounts for 80 % or more of the total of melting peaks in the temperature elevation step when measured by a differential
15 scanning calorimeter (DSC) and a process for manufacturing the same.