

ABSTRACT

An object of the present invention is to provide a fiber made of polylactic acid and having excellent strength, heat
5 resistance and heat shrinkage resistance and a manufacturing method thereof.

The present invention relates to the fiber is made of a composition which comprises (i) poly(L-lactic acid) having a weight average molecular weight of 50,000 to 300,000
10 (component A), (ii) poly(D-lactic acid) having a weight average molecular weight of 50,000 to 300,000 (component B) and (iii) 0.01 to 5 parts by weight of a phosphate metal salt (component C) based on 100 parts by weight of the total of the components A and B and has a strength of 2.5 to 10 cN/dTex
15 and a manufacturing method thereof.