

ABSTRACT

The present application provides a separator, a preparation method therefor, and a battery. The separator includes a base film and a lithium supplementing layer located on a surface of at least one side of the base film, and a lithium element content in the lithium supplementing layer is 100-20000 ppm. According to the present application, the separator can be used for lithium supplementation of batteries, thereby reducing battery internal resistance and improving battery performance such as first-cycle coulombic efficiency and cycle life.

10 FIG. 1