

Abstract

FIBERS WITH FILLER

The present invention is directed to articles of manufacture, including fibers and films, and methods of making thereof. In accordance with the present invention, the article includes a binder impregnated with or encapsulating a filler. The binder is a polyvinyl alcohol (PVOH), cellulose nanofibrils, or a combination of the PVOH and cellulose nanofibrils. The filler is deinking waste solids comprising ash and cellulose fines.

FIG. 3A