

ABSTRACT

HYDRAULICALLY-FORMED NONWOVEN SHEET WITH MICROFIBERS

In a first embodiment, a hydraulically-formed nonwoven sheet, a package comprising such sheet, a method of packaging a medical device using a package with such sheet and a method of manufacturing such sheet are provided. This nonwoven sheet comprises first and second non-cellulosic polymeric
5 fibers. The first non-cellulosic polymeric fibers have an average diameter less than about 3.5 micron, an average cut length less than about 3 millimeters and an average aspect ratio of about 400 to about 2000; the second non-cellulosic polymeric fibers have an average diameter greater than about 3.5 micron and an average aspect ratio of about 400 to about 1000. In a second embodiment, a hydraulically-formed nonwoven sheet is provided. This nonwoven sheet comprises binding material, non-cellulosic polymeric
10 fibers and cellulosic based materials. The non-cellulosic polymeric fibers have an average diameter less than about 3.5 micron, an average cut length less than about 3 millimeters and an average aspect ratio of about 400 to about 2000. The second nonwoven sheet has a bacterial filtration efficiency of at least about 98%.

15 FIG. 4