

[ABSTRACT OF THE DISCLOSURE]

A composite hollow fiber membrane having improved water permeability and peel strength and a manufacturing method thereof are disclosed. The composite hollow fiber membrane includes a tubular polymer membrane having an outer surface and an inner surface, and a tubular braid disposed between the outer surface and the inner surface of the tubular polymer membrane, the tubular braid comprises a plurality of yarns, each of the yarns includes first multifilaments and second multifilaments, each of the first multifilaments includes a plurality of first monofilaments having fineness of 3 to 50 denier, and each of the second multifilaments includes a plurality of second monofilaments having fineness of 0.4 to 3 denier.