

COMPOSITE SEMIPERMEABLE MEMBRANE, AND PRODUCTION PROCESS THEREOF

ABSTRACT OF THE DISCLOSURE

A composite semipermeable membrane which satisfies the following relationship when seawater at 25°C having a pH of 6.5, a boron concentration of 5 ppm and a TDS concentration of 3.5% by weight is permeated under an operation pressure of 5.5 MPa: Boron removal ratio (%) $\geq 95 - 4 \times$ membrane permeation flow rate ($\text{m}^3/\text{m}^2 \cdot \text{day}$).