

Preliminary study for the use of membranes at the separation of phenols from solutions

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Abstract The paper presents a preliminary study concerning the right material to be used at the make-up of membranes for the separation of phenols from wastewaters and caustic waste. Different membranes were tested and the diffusion rate was established for them, having in view the further use in pervaporation or nanofiltration processes. Finally, the membranes based on cellulose derivatives proved to be superior and could be taken into account for further use.

Keywords: separation membranes
