

**NANOFILTRATION MEMBRANE AND METHOD OF MANUFACTURING A
NANOFILTRATION MEMBRANE**

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ABSTRACT

A nanofiltration membrane comprising a selective layer comprising or consisting of poly(amide-imide) cross-linked with polyallylamine is provided. A method of manufacturing
10 a nanofiltration membrane and use of a nanofiltration membrane in a water softening process that is carried out at a low pressure of less than about 2 bar are also provided.

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FIG. 1