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Dual pH- and ammonia-vapor-responsive electrospun nanofibrous membranes for oil–water separations

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Abstract

In the last few years, the amount of industrial oily wastewater discharge and number of oil spill accidents have increased exponentially, spurring the development of highly efficient, cost-effective oil-water separation technologies. In this study, a dual pH- and ammonia-vapor-responsive polyimide (PI)-based nanofibrous membrane with high

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