

S2.3.3 NOVEL MEMBRANE FOR INDUSTRIAL WATER FILTRATION

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Environmental regulations and water scarcity have created a need for economical water treatments that allow for reuse. This paper will review a novel membrane with a unique composite single layer microstructure providing high flux, excellent separation capabilities and durability. The presentation will review several case studies involving use of this novel filtration technology to treat industrial waste water samples. The examples will demonstrate how this filtration technology was applied to improve manufacturing processes, reduce disposal costs and to recycle water.