

## عنوان مقاله:

Effects of acetone on morphology and performance of polysulfone ultrafiltration membranes for milk concentration

## محل انتشار:

نهمین کنگره ملی مهندسی شیمی ایران (سال: 1383)

تعداد صفحات اصل مقاله: 6

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## خلاصه مقاله:

In this study, polysulfone (PS) membranes were prepared via immersion precipitation from quaternary systems containing N, N-dimethylacetamide (DMAc) as solvent, polyvinylpyrrolidone (PVP) and acetone as additive. The presence of acetone in the casting solution declined the flux due to formation of membranes with denser skin layers. Evaporation of acetone is responsible for tighter membrane structures.

## کلمات کلیدی:

Membrane, Ultrafiltration, Polysulfone, Acetone, Milk

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/29562>

