

Institute of Chemical Engineering

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Separation of gas mixture on ionic liquid membranes with ceramic support

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Abstract: The paper presents the review of works concerning gas mixture separation, in particular a CO₂ removal from gases, using liquid membrane on ceramic support impregnated with ionic liquids (SILM). The type of ceramic support used in SILM membranes, as well as the influence of the support structure on the quality of the membrane was discussed. The methods used to impregnate the ionic liquid into the ceramic support were shown.

Attachments:

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