

Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/separation-of-gas-mixture-on-ionic-liquid-membranes-with-ceramic-support>

Separation of gas mixture on ionic liquid membranes with ceramic support

Publication date:	28.12.2017
Publication title:	Separation of gas mixture on ionic liquid membranes with ceramic support
Authors:	Adam Rotkegel , Zenon Ziobrowski
Journal information:	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk
Tags:	ionic liquids , co2 removal , silm membrane

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:

[Zeszyt-21-2017](#) pdf, 3.74 MB

Created at:	04.08.2025
Published by:	Artur Wojdyła
Published at:	05.08.2025 10:09
Number of downloads:	74

Tagi: ionic liquids, co2 removal, silm membrane

Metryczka

Published by:	Artur Wojdyła
Published at:	18.09.2025 12:21
Number of views:	65