

# Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/influence-of-cross-linking-in-poly-ionic-liquid-membranes-on-diffusivity-and-solubility-of-gases>

## Influence of cross-linking in poly(ionic liquid) membranes on diffusivity and solubility of gases

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**Abstract:** Review of literature data concerning poly(ionic liquid) membranes for gas separation is presented. The influence of polymer structure (e.g. cross-linking) on diffusivity and solubility of CO<sub>2</sub>, N<sub>2</sub>, CH<sub>4</sub> is discussed. Performance of cross-linking in poly(ionic liquid)s is described.

## Attachments:

[Zeszyt-18-2014](#) pdf, 6.25 MB

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Tagi: membrane separation, carbon dioxide, poly(ionic liquid)s, cross-linking, diffusion

## Metryczka

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