

Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/liquid-axial-mixing-in-solid-foams>

Liquid axial mixing in solid foams

Publication date:	28.12.2017
Publication title:	Liquid axial mixing in solid foams
Authors:	Anna Gancarczyk , Marzena Iwaniszyn , Katarzyna Sintera , Mateusz Korpyś , Andrzej Kołodziej , Marcin Piątek , Mieczysław Jaroszyński , Bożena Janus , Tadeusz Kleszcz
Journal information:	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk
Tags:	rtd , flow resistance , solid foam , axial dispersion coefficient

Abstract: Metal and ceramic solid foams were examined to determine axial dispersion for liquids (water and 45% glycerol solution) single phase flow; the results obtained for the packed bed of spheres were used for comparison. The influence of the liquid viscosity on axial dispersion was tested. Moreover, flow resistance was also measured.

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:	152

Tagi: rtd, flow resistance, solid foam, axial dispersion coefficient

Metryczka

Published by:	Artur Wojdyła
Published at:	18.09.2025 12:19

Number of views:

150