

Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/estimation-of-the-viscous-and-inertial-friction-components-of-the-flow-resistance-for-structured-internals-using-the-generalised-leveque-equation>

Estimation of the viscous and inertial friction components of the flow resistance for structured internals using the generalised L  v  que equation

Publication date:	30.12.2019
Publication title:	Estimation of the viscous and inertial friction components of the flow resistance for structured internals using the generalised L��v��que equation
Authors:	Anna Gancarczyk , Marzena Iwaniszyn , Katarzyna Sintera , Mateusz Korpy�� , Andrzej Ko��dziej , Tadeusz Kleszcz
Journal information:	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk
Tags:	viscous friction component , inertial friction component , generalised l��v��que equation

Abstract: The paper presents estimation of the viscous and inertial friction components for structured catalyst carriers such as: sinusoidal short-channel structure, knitted wire gauze, ring-rosette structure. Calculations based on the experimental results of pressure drop and Nusselt numbers applying the Generalised L  v  que Equation (GLE).

Attachments:

[Zeszyt-23-2019](#) pdf, 2.84 MB

Created at:	04.08.2025
Published by:	Artur Wojdy��a
Published at:	05.08.2025 11:26
Number of downloads:	122

Tagi: viscous friction component, inertial friction component, generalised lévêque equation

Metryczka

Published by:	Artur Wojdyła
Published at:	05.08.2025 14:10
Number of views:	128