

# Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/flow-resistance-of-streamlined-structures>

## Flow resistance of streamlined structures

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**Abstract:** The paper presents flow resistance of a new type of catalytic carriers - streamlined structures. They are short-channel structures (short monoliths) of various channel cross-sectional shape. The innovation of the design is channel wall similar to the airfoil profile. The influence of the structure length and the channel cross-sectional shape on flow resistance is presented. The results are also compared with the values for monolith and packed bed.

## Attachments:

[Zeszyt 27 \(2023\)](#) pdf, 3.31 MB

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Tagi: short-channel structures, streamlined structures, flow resistance

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