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The impact of foams structure on heat transfer

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Authors:	Anna Gancarczyk, Marzena Iwaniszyn, Marcin Piątek, Mieczysław Jaroszyński, Bożena Janus, Tadeusz Kleszcz
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Abstract: Metallic foams appear as promising catalyst carriers for fast catalytic reactions. They combine many beneficial properties, like large specific surface area, high porosity and relatively low pressure drop. The foams can be regarded as an intermediate between monolith and packed bed. In this paper, the heat transfer characteristic were studied for a 30 pores per inch NC 2733 and three Al foams.

Attachments:

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