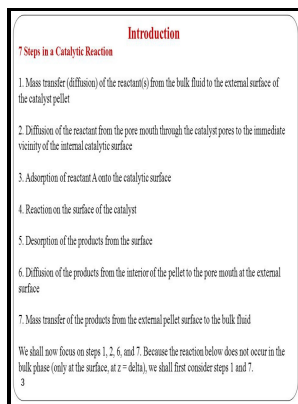


# Thermal conductivity of porous catalyst pellets.

University of Salford - Thermal Conductivity of Beds of Spherical Particles



Description: -

-Thermal conductivity of porous catalyst pellets.

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Notes: MSc thesis, Chemical Engineering.

This edition was published in 1973



Filesize: 39.16 MB

Tags: #Thermal #Conductivity #of #Alumina #Catalyst #Pellets

**The thermal conductivity of porous catalyst pellets, The Canadian Journal of Chemical Engineering**

. Thermofluid Modeling of Fuel Cells.

**Thermal States of a Partially Wetted Catalyst Pellet in Hydrocarbon Hydrogenation, Doklady Chemical Technology**

Thermal conductivity of heterogeneous mixtures. Elevation-Corrected thermal inertia and derived particle size on Mars and implications for the Tharsis Montes.

**The porous catalyst pellet shown in Figure 1 has an overall radius  $R$  and a thermal conductivity  $k$  (which may be assumed constant).**

Novel catalyst structures with enhanced heat transfer characteristics. The counterdiffusion of adsorbed hydrocarbons in porous glass. Thermal separation of soil particles from thermal conductivity measurement under various air pressures.

**Thermal conductivity of porous catalysts, Aiche Journal**

The Chemical Engineering Journal 1972, 3, 232-236.

**A Highly Conductive Porous Medium for Solid**

It is proposed in this study that the thermal conductivity model of foods be made up of its components and a structural model that accounts for the component arrangement in the system. Translated from Doklady Akademii Nauk, Vol. New Polymer Nanocomposites for Environmental Remediation.

**Solved: 11B.11 Temperature Rise In A Spherical Catalyst Pe...**

The Journal of Chemical Physics 1973, 59 7, 3566-3575. This model was also appropriate for meat measured along the fibers at above freezing temperatures. Theoretical descriptions and experimental measurements on the effective thermal conductivity in metal hydride powder beds.

**A dynamic method for the effective thermal conductivity of porous solids, Aiche Journal**

Chemical Engineering Science 1994, 49 5 , 709-726.

**The porous catalyst pellet shown in Figure 1 has an overall radius  $R$  and a thermal conductivity  $k$  (which may be assumed constant).**

Chemical Engineering Science 1967, 22 12 , 1859-1873.

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