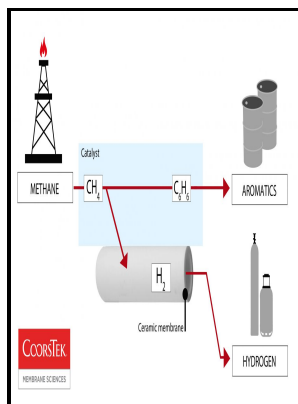


Ceramic membranes for reaction and separation

John Wiley - Gas separation ceramic membranes



Description: -

-

Watertown (Mass.) -- History.

Waltham (Mass.) -- Description and travel.

Waltham (Mass.) -- History.

Membranes (Technology)

Gases -- Separation

Ceramic materials

Gas separation membranes Ceramic membranes for reaction and separation

- Ceramic membranes for reaction and separation

Notes: Includes bibliographical references and index.

This edition was published in 2007



Filesize: 56.94 MB

Tags: #High #Temperature #Ceramic #Membranes #for #Energy #Technology #Applications

High Temperature Ceramic Membranes for Energy Technology Applications

The main difficulty in this method is to predict the location of the infiltrated ceramic, which depends mainly on the diffusion coefficient and concentrations of the reactant species.

Ceramic Membranes for Separation and Reaction. Edition No. 1

This chapter gives an overview about the ceramic membranes, their function, and their potential application.

Dense Ceramic Membranes for Separation and Reaction

Catalytic ceramic oxygen ionic conducting membrane reactors for ethylene production S. The membranes can withstand a very broad range of temperatures and pH conditions due to their thermally and chemically inert ceramic character, and they do not demonstrate irreversible structural changes that may affect their operational behavior.

High Temperature Ceramic Membranes for Energy Technology Applications

These are all hydrophobic polymers, and incorporation of other nanomaterials e.

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