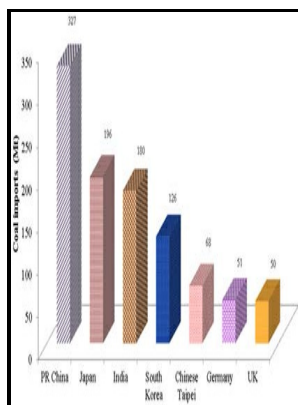


# Effect of coal rank on the liquefaction behaviour of a series of U.K. coals

University of Birmingham - Effect of Different Drying Methods on Coal Structure and Reactivity Toward Liquefaction



Description: -

-effect of coal rank on the liquefaction behaviour of a series of U.K. coals

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Notes: Thesis (Ph.D.) - University of Birmingham, Dept of Minerals Engineering, 1985.

This edition was published in 1984



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Tags: #Effect #of #Temperature #on #the #Molecular #Weight #Distribution #in #the #Different #Ranks #of #Coal #during #the #On

## Rate of coal hydroliquefaction: correlation to coal structure. Final report (Technical Report)

. The low operating temperature and pressure of the Winkler system limits the throughput of the gasifier. The hydroliquefaction reactivities for a suite of 7 bituminous and subbituminous coals were determined on a kinetic basis.

## Coal liquifaction

From lignite to anthracite the carbonaceous material and rank of coal increases. Russell N V, Méndez L B, Wigley F, Williamson J.

## Effects of coal composition and fabric on porosity, sorption capacity and gas flow properties in Western Canada Sedimentary Basin coals

A middle distillate boiling from, for example, 450° to 850° F. Generally, the smaller the crushed particles, the more impurities i.

## Coal characterization for liquefaction in tetralin and alcohols

It is also an object of the invention to provide an improved direct coal liquefaction process which facilitates better coal conversion and greater yields of pentane soluble oil distillate products by employing selective coal feed, and thereby leading to more economical and efficient synthetic fuel production. As discussed further in Chapter 2, some vitrinites may have anomalously low reflectance due, for example, to the original depositional environment, a phenomenon known as reflectance suppression Barker, 1991, which may give misleading results if other indicators are not taken into account.

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