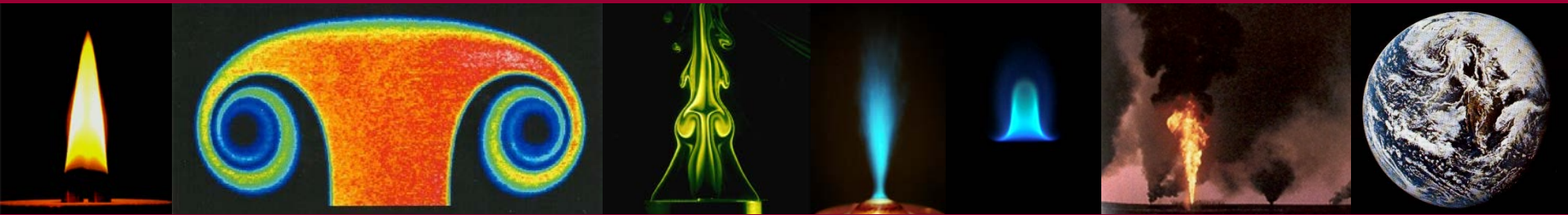


Physisorption and Chemisorption Methods for Evaluating the Total Surface Area and Active Surface Area of Two Types of Carbon Materials



Khalid Al-Qurashi, Suk Ho Chung and Hua Tan

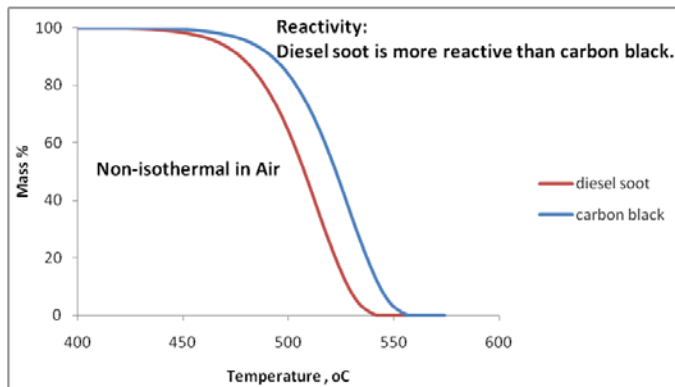
Clean Combustion Research Center

King Abdullah University of Science and Technology (KAUST)

Poster Location: P- 01

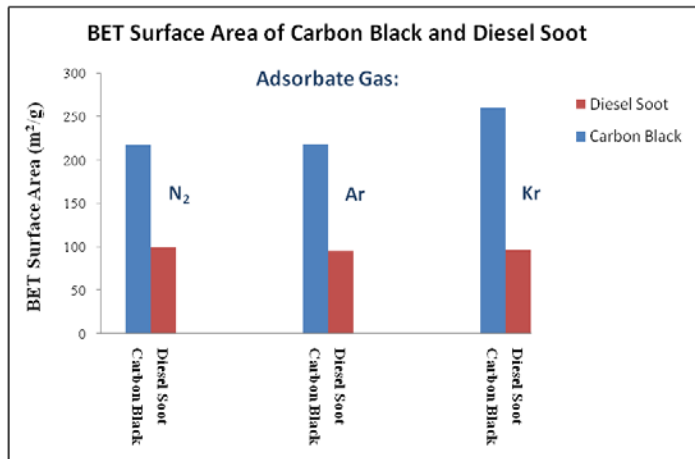
Physisorption and Chemisorption Methods for Evaluating the Total Surface Area and Active Surface Area of Two Types of Carbon Materials

Why Do Different Soots Show Different Reactivity?



Diesel soot always exhibits lower TSA than carbon black

Soot reactivity is independent of TSA



Diesel soot always exhibits higher ASA than carbon black.

ASA is a reactivity index

Poster Location: P- 01

