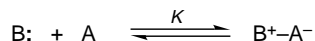
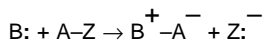


nucleophilicity

1. The property of being *nucleophilic*.
2. The relative reactivity of a nucleophilic reagent. (It is also sometimes referred to as ‘nucleophilic power’.) Qualitatively, the concept is related to *Lewis basicity*. However, whereas Lewis basicity is measured by relative equilibrium constants:



nucleophilicity of a Lewis base is measured by relative *rate constants* of different nucleophilic reagents towards a common substrate, most commonly involving formation of a bond to carbon:



See also *electrophilicity*, *Ritchie equation*, *Swain–Scott equation*.
1994, 66, 1146