

### **solvent parameter**

Quantitative measures of the capability of solvents for interaction with solutes. Such parameters have been based on numerous different physico-chemical quantities, e.g. *rate constants*, solvatochromic shifts in ultraviolet/visible spectra, solvent-induced shifts in infrared frequencies, etc. Some solvent parameters are purely empirical in nature, i.e. they are based directly on some experimental measurement. It may be possible to interpret such a parameter as measuring some particular aspect of solvent–solute interaction or it may be regarded simply as a measure of solvent *polarity*. Other solvent parameters are based on analysing experimental results. Such a parameter is considered to quantify some particular aspect of solvent capability for interaction with solutes.

See also *Dimroth–Reichardt  $E_T$  parameter*, *Grunwald–Winstein equation*, *Kamlet–Taft solvent parameters*, *Koppel–Palm solvent parameters*, *solvophobicity parameter*, *Z-value*.

1994, 66, 1164