

dynamic surface tension

Synonym: dynamic interfacial tension

In certain circumstances, one may measure surface tensions that are different from the equilibrium value. Such a surface tension is called the dynamic surface (or interfacial) tension (γ^{dyn} or σ^{dyn}). The equilibrium value is then called the static surface (or interfacial) tension (γ^{st} or σ^{st}). The modifying signs may be omitted if there is no danger of ambiguity.

Source:

PAC, 1972, 31, 577 (*Manual of Symbols and Terminology for Physicochemical Quantities and Units, Appendix II: Definitions, Terminology and Symbols in Colloid and Surface Chemistry*) on page 597